

F. R. Fosberg

RECORD

K3515

F. R. Fosberg

Collection number book

No. 15800-18199

Sept. 1938 - May 1941

The first set of collections 15800-16635,
pp. 1-30 of this book, are in the
herbarium of the University of
Pennsylvania.

Beginning with p. 31, no. 16636
they are in the herbarium of the
National Arboretum.

Collection and Field Note Book

No. 6

(Sept. 2, 1938 - May 25, 1941)

(15800 - 18199)

Pages

PENNSYLVANIA

North Mountain, Cherry Run, Sullivan Co.	
Painter Run 15800-15949 ...	1-6
West branch Fishing Creek, Columbia Co.	
..... 15950-16006 ...	6-8
Sugarloaf School, Columbia Co.	
..... 16007-16040 ...	8-9

NEW YORK

Garnerville, Rockland Co. 16042- 16085 .	9-11
Rondaxe Mt., Adirondack Mts., Little	
Tupper Lake, Mt. McIntyre, Syracuse,	
Onondaga Co. 16086-16142 ...	11-13

PENNSYLVANIA

Birchrunville, French Creek, Chester Co.	
..... 16143-16207 ...	13-15

NEW JERSEY

Cedar Lake, Gloucester Co., Green Bank,	
Burlington Co., Wells Island, Ocean Co.,	
Tuckerton, Ocean Co... 16208-16244 ...	15-16

PENNSYLVANIA

Birchrunville, Chester Co. 16246-16315..	17-19
McClure, Snyder Co., Beavertown, Paxton-	
ville along Middle Creek, Centerville,	
Snyder Co. 16316-16441 ..	19-23
Laurelton, Union Co., Banks of Susquehanna	
River, New Columbia and Union Counties,	
White Deer Ridge 16442-16490 ..	24-25

PENNSYLVANIA

Hall Pond, Trout Run, Buttonwood, Beech-	
Maple Woods, Lycoming Co. 16491-16581...	25-28
Morris, Harrison State Forest Park,	
Wellaboro, Tioga Co. 16582-16635 ..	29-30

VIRGINIA

Virginia Highlands, Arlington Co.	
..... 16636-16663 ...	31
Great Falls of the Potomac, Fairfax Co. .	
..... 16664-16681 ...	32
Hunting Creek, Alexandria 16682-16698 ..	32-33
Gum Springs, Fairfax Co... 16699-16708 ..	33

PENNSYLVANIA

Wallingford, Delaware Co.. 16709	33
--	----

VIRGINIA

Virginia Highlands, Arlington Co.	
..... 16710-16728 ..	33-34
Dunnsville, Essex Co..... 16729-16739 ..	34
Waterview, Rappahannock R., Estuary near	
Urbanna, Middlesex Co. . 16740-16769..	34-35
Head of Dogue Creek Estuary, Hunting	
Creek, Alexandria, Fairfax Co.	
..... 16770-16796 ..	36-37
Virginia Highlands, Arlington Co.	
..... 16797-16800..	37

New Jersey

Fairview, Glenloch, Glenloch, Bell Lake,	
Gloucester Co..... 16801-16835 ..	37-39

D.C.

Chain Bridge, Potomac River 16836-16851	39
---	----

No. 6

2

NEW JERSEYMalaga Lake, Indian Branch of Scotland Run,
Gloucester Co. 16853-16866Pages
39-40VIRGINIA

Aurora Hills, Arlington, 16867-16888

40-41

MARYLAND

Clarksburg, Montgomery Co. 16889-16892

41

VIRGINIAVirginia Highlands, Arlington Co., Old Rag Mt.,
Ridge Trail, Madison Co. 16893-16936

41-43

NEW JERSEYS. of Cecil, near Great Egg Harbor River,
Gloucester Co. 16937-16945

43

VIRGINIAAurora Hills, Virginia Highlands, Glebe Road,
Arlington Co. 16946-16953

44-45

MARYLANDLyons Creek, Anne Arundel Co., n.w. of Meadows,
Priest Bridge, Lanham, Prince George Co. ...
..... 16954-16968

46-

VIRGINIAVirginia Highlands, Arlington Co., Shenandoah
Nat'l Park, Blue Ridge Mts., Fauquier Co.,
Big Meadows, Madison Co., below Fishers Gap,
Hog Camp Hollow, Blue Ridge Mts, Madison Co.
..... 16969-17094

47-50

Crescent Rocks, Page Co., Virginia Highlands,
Arlington Co. 17095-17081

50-52

Pages

Alexandria, Va. 17082 52-

MARYLAND

Takoma Park. 17083 52

VIRGINIAVirginia Highlands, Davis Highway, Aurora H.,
Arlington Co. 17084-17096... 52-53MARYLAND

Patuxent Refuge, Beltsville 17097-17121 53-54

VIRGINIAVirginia Highlands, Arlington Co.,
Thornton River near Buck Hollow Trail,
Rappahannock Co. 17122-17159.. 54-56Focosin Shelter, Shenandoah Nat. Park,
Greene Co. 17160-17192.. 56-57Shenandoah Nat'l Park, Blue Ridge Mts.
Mountain Picnic Ground, Bear Fence
Mt., Greene Co. 17193-17231.. 58-59Spitler Knoll Overlook, Hawksbill Mt.,
~~Appalachian Trail~~ Appalachian Trail,
near Buck Spring Shelter, Page Co.,
..... 17232-17271.. 59-61Virginia Highlands, Arlington Co.
..... 17272-17277.. 61-Front Royal, Warren Co., Hogback Mt.
Overlook 17278-17321.. 62-66Jerome Run, Crescent Rocks, Page Co.
..... 17322-17341.. 66-68Hawksbill Gap, Big Meadows Camp Ground,
Madison Co. 17342-17351.. 68-70Sandy Bottom Overlook, Rockingham Co.
..... 17352-17360.. 70-71Hawksbill Creek above Ivy Creek,
Greene Co. 17361-17378.. 72-73

... 3

ut

7

VIRGINIAPages

Brown Mt. Overlook, Skyline Drive, Rockingham Co.,
Black Rock Gap and Summit, Trayfoot Mt., " " "
..... 17373-17445 74-83

PENNSYLVANIA

Nottingham, Chester Co. ... 17446-17453 82-83

MARYLAND

Susquehanna River, below Conowingo Dam, Cecil Co.
..... 17454-17469 84-87

VIRGINIA

Sleepy Hollow, Fairfax Co. 17470 86-87

XXXXXXXX

Potomac River below Hunting Creek 17471-17479 .. 86-89
Westhampton, Henrico Co., Univ. of Richmond Campus
..... 17480-17498 88-91
3/4 mi. s.e. Burgess Station, Dinwiddie Co.
..... 17499-17520 90-93
Near Weanoke, Charles City Co.,
" Tetlington, " " " 17521-17546 92-95
1 1/2 mi. n. of Surrey, Surrey Co. .. 17547-17591 .. 96-101
Virginia Highlands, Arlington Co. 17592-17594 .. 102-103
8 mi. w. of Gretna, along Pigg River, Pitts-
sylvania Co. 17595-17631 102-109

NORTH CAROLINA

Hyco Creek, Caswell Co. ... 17632-17652 108-111
Duke Univ. Forest, Durham Co., Chapel Hill Nursery,
Orange Co. 17653-17702 110-117
Near Clayton, State Nursery Hohnston Co.
..... 17703-17719 116-121
Near Washington, Beaufort Co., near Engelhard,
Hyde Co., Mann's Harbor, Dare Co., Manteo,
Camp Wright, Oregon Inlet, Pea Island, Pamlico
Sound, Old Cape Hatteras Lighthouse, Hatteras
Island, Buxton Landing, Peters Bridge
..... 17720-17881 120-143

NORTH CAROLINAPages

Hatteras Inlet Coast Guard Station,
Hyde Co., Ocracoke Island,
..... 17882-17943 142-151
4 mi. w. Old Cape Hatteras Light House,
Hatteras Island, Dare Co., Oregon Inlet,
Pea Island 17944-18001 152-161
east of Subbury, Gates Co. 18002-18017 162-163

VIRGINIA

s. of Suffolk, Manassas Co., near
Windsor, Isle of Wight Co., near Zuni
..... 18018-18064 164-171
Sleepy Hollow, Fairfax Co. 18065-18067 170-171
Virginia Highlands, Arlington Co.
..... 18068-18074 170-173
Sleepy Hollow, Fairfax Co., Holmes Run,
..... 18075-18119 172-185
Virginia Highlands, Arlington Co.,
Fort Buffalo, Fairfax Co., Sleepy
Hollow 18120-18151 184-191

MARYLAND

Hills above Mountville, Catastia "Mts"
Frederick Co., Chevy Chase, near
Williams Lane .. 18152-18186 190-195

VIRGINIA

Sleepy Hollow, near Tripp's Run,
Fairfax Co. 18187-18199 194-197

* * *

15
S
Inut

F. R. Fosberg

Collection number book

No. 15800-18199

Sept. 1938 - May 1941

The first set of collections 15800-16635,
pp. 1-30 of this book, are in the
herbarium of the University of
Pennsylvania.

Beginning with p. 31, no. 16636
they are in the herbarium of the
National Arboretum.

Abbreviations

Det. & PB = S. F. Blake
WRM = W. R. Mason
R. M. S. = R. M. S. Vaughn
F. J. = F. J. Mason
C. S. = C. S. Mason

PHILADELPHIA
STATIONERS
52nd below Walnut
Philadelphia
ALL 2504

Penicillium

1

3

Top of North Mountain, base of ridge

*21 August 1911 - 11
Couch, Stone*

Pennsylvania

1

3

Top of North Mountain, base of ridge S.W.

Cherryton, Sullivan County Sept. 2-3 1937

(along old road in second growth woods - Maples - Birch - Prunus woods)

15800 *Solidago unilugulata*

1 *Asplenium platyneuron* Clayton

2 *Scirpus atrovirens*

3 *Aster prenanthoides*

4 *Gratiola neglecta*

5 *Dryopteris spinulosa*

6 *Carex Baileyi*?

7 *Aster acuminata*

8 *Laportea canadensis*

9 *Dryopteris noveboracensis*

10 *Anaphalis margaritacea*

11 *Aster acuminata*

12 *Hypericum mutilum*

13 *Lycopodium lucidulum*

same loc. (in and around old clearing)

Sept. 3

15814 *Cerastium vulgatum*

15 *Aster*

15817 *Dryopteris noveboracensis*

17 *Lycopodium uniflorum*

18 *Dryopteris spinulosa* var. *intermedia*

19 *Prunus pennsylvanica*

20 *Solidago rigida* Ait.

21 *Solidago graminifolia*

22 *Ulex spicatus*

23 *Impatiens biflora*

24 *Ulex rubrum*

25 *Lactuca spicata*

26 *Scirpus atrovirens*

27 *Prunella vulgaris*

28 *Dryopteris Lunnstaedtii punctilobata*

(Michx.) Moore

- 158 29 *Artica procera* Michx. (gracilis of Manual)
 30 *Oxalis europaea*
 31 *Potentilla norvegica* L. var. *hirsuta* (Michx.) Dehm.
 32 *Juncus macer* S.F. Gray
 33 *Acer saccharum*
 34 *Acer pennsylvanicum*
 35 *Polygonum sagittatum*
 36 ~~*Asplenium*~~ *Athyrium thelypteroides*
 37 *Glyceria torreyana*
 38 *Achillea millefolium*

same loc. (boggy bottom of small gully, with tiny stream) Sept. 3

- 158 39 *Carex intumescens*
 40 *Carex gynandra*
 41 *Carex Baileyi*
 42 *Juncus effusus* var. *pylaci*
 43 *Sirpus eriophorum*
 44 *Carex scabrata*
 45 *Monotropa uniflora*
 46 *Circaea alpina*
 47 *Viola pallens*

Top of North Mountain, Ridge east of main
 east fork of Painter Run. 2100-2200 ft. Sept. 3
 (steep rocky slope)

- 158 48 ~~*Actaea*~~ *Carulophyllum thalictroides*
 49 *Asarum canadense*
 50 ~~*Asplenium*~~ *Athyrium thelypteroides*
 51 *Galium triflorum*
 52 *Polystichum acrostichoides*
 53 *Aster divaricatus*
 54 *Eupatorium rugosum*
 55 *Cinna latifolia*

- 158 56 *Hamelia virginiana*
 57 *Laportea canadensis*
 58 *Solidago caesia*
 59 *Impatiens glabra* pallida
 60 *Aster divaricatus*
 61 *Polypodium virginianum*
 62 *Arisaema triphyllum*
 63 *Ilex monticola*
 64 *Halmia latifolia*

(same loc.) flat top of ridge, second growth, Beech-Maple-Birch-Pinus woods)

- 158 65 *Betula lenta* L.
 66 *Aralia racemosa*
 67 *Dryopteris noveboracensis*
 68 *Viola blanda*
 69 *Brachyelytrum erectum*
 70 *Cinna latifolia*
 71 *Lycopodium*

Top of North Mountain, brow of ridge - see
 Cherry Run, Sullivan Co. Sept. 4, 1937
 (along old wood road in second growth
 Beech-Maple-Birch-Pinus woods)

- 72 *Juncus brevicaudatus*
 73 *Juncus macer*
 74 *Agrostis perennans*
 75 *Aster ericoides*
 76 *Aggrimonia gryposepala*
 77 *Carex crinita* var. *gynandra*
 78 *Aster divaricatus*

same loc. (not on road) Sept. 4, 1937
 79 *Carex debilis*

- 15880 *Polypodium virginianum*
 81 *Lycopodium obscurum* var. *dendroideum*
 82 *Monotropa uniflora*
 83 *Medeola virginiana*

Top of North Mountain, upper part of
 Cherry Run, Sullivan Co. Sept. 4, 1938

- 84 *Polystichum acrostichoides*
 85 *Viburnum alnifolium*
 86 *Geum canadense*
 87 *Aster divaricatus*
 88 *Adiantum pedatum*
 89 *Asarum canadense*
 90 *Circaea alpina*

main fork branch

(Painter Run, North Mt.) 1 mi. above
 main fork, Sullivan Co. Sept. 4, 1938
 (rocky stream bed)

- 91 *Eupatorium rugosum*
 92 *Galinsoga ciliata*
 93 *Clintonia borealis*
 94 *Solidago latifolia*
 95 *Circaea alpina*
 96 *Polygonatum pubescens* (Willd.) Pursh.
 97 *Galium triflorum*

North Mt. Main forking of Painter Run
 Sullivan Co. Sept. 4, 1938

Steep slope, shale slide

- 98 *Solidago caesia*
 99 *Dryopteris marginalis*
 15900 *Aster divaricatus*
 1 *Aster acuminatus*

Wooded roadside

- 15902 *Dennstaedtia punctilobula*
 3 *Aster corclifolius*
 4 *Ambrosia artemisiifolia*

(Gravelly stream bed)

- 5 *Aster prenanthoides* Muhl.
 6 *Cryptotaenia canadensis*
 7 *Glycyrrhiza*
 8 *Solidago rigida*
 9 *Eupatorium perfoliatum*
 10 *Eupatorium purpureum*
 11 *Aster paniculatus*
 12 *Pilea pumila*
 13 *Aster divaricatus*
 14 *Eupatorium*

Painter Run, 1 mi. below main forking,
 North Mountain, Sullivan Co. Sept. 5, 1938

- 15 *Gnaphalium purpureum*
 16 *Epilobium adenocaulon*
 17 *Aralia racemosa*
 18 *Viburnum alnifolium*
 19 *Hydrangea arborescens*
 20 *Polygonum cilinode*
 21 *Agrostis*
 22 *Impatiens ~~glabra~~ pallida*
 23 *Carex*
 24 *Juncus tenuis*
 25 *Acer spicatum*
 26 *Impatiens biflora*
 27 *Cryptotaenia canadensis*
 28 *Lycopodium lucidulum*

- 15929 *Carex radiata*
 30 *Maianthemum canadense*
 31 *Lycopodium complanatum*
 32 *Muhlenbergia Schrieberi*
 33 *Solidago graminifolia*
 34 *Polygonum persicaria*
 35 *Herbicum aurantiacum*
 36 *Achyrum angustum* (Willd.) Presl
 37 *Botrychium dissectum*
 38 *Viola rostrata*
 39 *Solidago rugosa*
 40 *Verbena urticifolia*
 41 *Anoxia sensilis*
 42 *Sambucus canadensis*
 43 *Monarda didyma* L.
 44 *Carex lurida*
 45 *Polygonum hydropiper*
 46 *Polygonum sagittatum*
 47 *Potentilla lateriflora*
 48 *Dryopteris noveboracensis*
 49 *Lobelia inflata*

West-hand Fishing Creek, 1/4 mile above Central
 1050 ft. Columbia Co. Sept. 5, 1938

Open pebble flats along stream

- 50 *Muhlenbergia mexicana*
 51 *Aristida dichotoma*
 52 *Achillea millefolium*
 53 *Oenothera biennis* L.
 54 *Ambrosia artemisiifolia*
 55 *Ranunculus clandestinus*
 56 *Eriogonum ramosum*
 57 *Potentilla norvegica* var. *hirsuta*
 58 *Potamogeton amplifolius*

- 15939 *Ridens frondosa*
 60 *Hypericum perforatum*
 61 *Polygonum persicaria*
 62 *Setaria lutescens*
 63 *Eragrostis*
 64 *Hypericum mac. punctatum* Lam.
 65 *Polygonum hydropiper* L.
 66 *Mollugo verticillata*
 67 *Digitaria Ischaemum*
 68 *Euphorbia*
 69 *Amaranthus gracilis*
 70 *Euphorbia nutans*
 71 *Lobelia inflata*
 72 *Acalypha virginica* L.
 73 *Sagittaria officinalis*
 74 *Eupatorium rugosum* Houtt.
 75 *Aster laevis*
 76 *Galopsis tetralix*
 77 *Helianthus pulcherrimus*
 78 *Sambucus canadensis*
 79 *Sparganium angustifolium*
 80 *Hypericum mutilum*
 81 *Polygonum pennsylvanicum*
 82 *Solidago graminifolia*
 83 *Lycopodium*
 84 *Solanum dulcamara*
 85 *Circaea intermedia*
 86 *Stellaria media*
 87 *Verbena urticifolia*
 88 *Epilobium densum*
 89 *Eupatorium perfoliatum* var.
 90 *Polygonum sagittatum*
 91 *Panicum lindheimeri* var. *fasciculatum*
 92 *Stellaria uliginosa*

- 15993 *Pilea pumila*
 94 *Viola*
 95 *Solidago nemoralis*
 96 *Solidago bicolor*
 97 *Veronica officinalis*
 98 *Erechtites hieracifolia*
 99 *Erigeron canadensis*

- 16000 *Opalis europaea*
 1 *Cerastium vulgatum*
 2 *Aster novi-belgii*

(Shaded roadside, ^{wood} flat gulch bottom)

- 3 *Aster divaricatus*
 4 *Carex Swannii*
 5 *Agrostis perennans*
 6 *Michella repens*
 7

Box 12 m. e. s. e. of Sugarloaf School

Columbia Co. Alt. 1850 ft Sept. 5
 (long around ^{all wooded bog} all wooded bog)

- 7 *Portulaca oleracea*
 8 *Gnaphalium purpureum*
 9 *Chrysopsis*
 10 *Polygonum punctatum*
 11 *Cardamine pennsylvanica*
 12 *Chelone glabra*
 13 *Spiranthes cernua*
 14 *Aster lateriflorus*
 15 *Aster puniceus*
 16 *Gentiana Andrewii*
 17 *Gnaphalium polybotryifolium*
 18 *Hydrocotyle americana*
 19 *Carex leptalea*
 20 *Coptis trifolia* L.
 21 *Magnolia acuminata*

- 16022 *Aster prenanthoides*
 23 *Larunculus acris*
 24 *Hypericum mutilum*
 25 *Aster ericoides*
 26 *Spiraea latifolia*
 27 *Clematis verticillaris*
 28 *Amphicarpa Pitcheri*
 29 *Muhlenbergia Schrieberi*
 30 *Lappula virginica*
 31 *Lycopodium complanatum*
 32 *Lycopodium lucidulum*
 33 *Lindera Benzoni* (Blume)
 34 *Mimulus ringens*
 35 *Lycopodium obscurum* v. *dendroideum*
 36 *Lycopodium clavatum*
 37 *Sirpus eriophorus*
 38 *Torilis virginiana*
 39 *Chenopodium album*
 40 *Echinochloa crusgallii*

41

Garnewille, Rockland Co. N. Y. Sept. 12, 1898

- 42 *Polygonum hydropiper*
 43 *Polygonum persicaria*
 44 *Aster*
 45 *Galium circaezans*
 46 *Solidago caesia* L.
 47 *Aster divaricatus*

Weed patches & roadsides near dwellings

- 48 *Aster ericoides*

Mt. McIntyre, trail from foot date.

Oct. 2, 1938

- 16104 *Phragmites*
 05 *Hamamelis mucronata* (L.) Trel.
 06 *Cornus canadensis*
 07 *Anaphalis margaritacea*
 08 *Linnaea borealis* L. var. *americana* (Eichl.) Rehd.
 09 *Chrysothamnus hispida*
 10 *Coptis trifolia*
 11 *Monotropa uniflora*
 12 *Abies balsam* (Mill.) (L.) Mill.
 13 *Abies balsam* (Mill.) (L.) Mill.
 14 *Aster solidus* - acrophyllus

Mt. McIntyre, at and near summit
 Oct. 2, 1938

Turf patches in crevices
 and depressions between
 rocks at timber line and above.

- 15 *Vaccinium uliginosum*
 16 *Vaccinium oxycoccos*
 17 *Diapensia lapponica*
 18 *Lycopodium alagoi*
 19 *Arenaria groenlandica*
 20 *Potentilla tridentata*
 21 *Ledum groenlandicum*
 22 *Lolidago Cutleri*
 23 *Empetrum nigrum*
 24 *Kalmia polifolia*
 25 *Rhododendron lapponicum*
 26
 27 *Salix uva-ursi*
 28 *Alnus*
 29 *Abies balsam* (Mill.) (L.) Mill.

- 16130 *Alnus crispa*
 16131 *Calamagrostis canadensis*

16130a *Chamaedaphne*
calypulata

Lyracuse, Monticello, Oct. 2, 1938

Weedy vacant lot.

- 32 *Aster novae-angliae*
 33 *Lolidago canadensis*
 34 *Aster paniculatus*
 35
 36 *Galium*
 37 *Aster cordifolius*
 38 *Lolidago canadensis*
 39 *Aster novae-belgii*
 40 *Lolidago racemosa*
 41 *Aster paniculatus*
 42 *Aster novae-belgii*

1 mi. W. Birchrunville, Co. of French
 Creek, Chester Co. Oct. 15-16, 1938

- 43 *Prenanthes trifoliolata*
 44 *Dachmeria cylindrica*
 45 *Aster purpureus*
 46 *Lobelia siphilitica*
 47 *Castanea dentata*
 48 *Cassia nictitans*
 49 *Trifolium procumbens*
 50 *Lolidago graminifolia*
 51 *Lobelia inflata*
 52 *Cyperus stuegeri*
 53 *Lula spinosa*
 54 *Euphorbia nutans* Lang.
 55 *Echinochloa crusgalli*
 56 *Cornelius communis*
 57 *Quercus Gronovii*

- 16158 *Eupatorium perfoliatum*
 57 *Muhlenbergia schrieberi*
 60 *Solidago bicolor*?
 61 *Prunella virginiana*
 62 *Pilea pumila*
 63 *Quercus montana*
 64 *Eleocharis altissima*
 65 *Badens frondosa*
 66 *Xanthium commune*
 67 *Phytolacca virginiana*
 68 *Physalis subglabrata*
 69 *Chenopodium album*
 70 *Erechtites hieracifolia*
 71 *Scirpus polyphyllus*
 72 *Ruellia laciniata*
 73 *Chelone glabra*
 74 *Galium aparine*
 75 *Quercus borealis* var. *macrocarpa*
 76 *Parilla patens*
 77 *Quercus montana*
 78 *Cornus rugosa*
 79 *Desmodium illinoense*
 80 *Parthenium integrifolium*
 81 *Celtis occidentalis*
 82 *Eupatorium rugosum*
 83 *Digitaria reclinata*
 84 *Andropogon virginicus*
 85 *Cupressus petiolata*
 86 *Bidens bipinnata*
 87 *Panicum dichotomiflorum*
 88 *Aster cordifolius*
 89 *Aster ~~pennsylvanicus~~ pennsylvanicus*
 90 *Aster laevis*
 91 *Aster divaricatus*

16160a *Polygonum arifolium*

- 16172 *Aster cordifolius*
 93 *Aster lateriflorus*
 94 *Aster paniculatus*
 95 *Aster lateriflorus*
 96 *Aster laevis*?
 97 *Aster cordifolius*
 98 *Aster ericoides*
 99 ~~Aster~~ *Solidago*
 16200 *Solidago puberula*
 01 *Solidago*
 02 *Solidago*
 03 *Solidago canadensis*
 04 *Solidago latifolia*
 05 *Solidago rigida*
 06 *Solidago canadensis*
 07 *Solidago nemoralis*

1 mi. n. Cedar Lake, Piscataway Co. N.J.

Oct. 19, 1938

- 01 *Pyrolanthus barbulata*
 02 *Hudsonia ericoides*

03 mi. n. e. Cedar Lake, Piscataway Co.

Oct. 14, 1938

- 10 *Aster linariifolius*

2 mi. n. Quaker Bank, near Mullica R.

Burlington Co. Oct. 20, 1938

- 11 *Aster linariifolius*
 12 *Hudsonia ericoides*
 13 *Helianthemum canadense*
 14 *Leptophyllum buxifolium*
 15
 16 *Drosera rotundifolia*

16717 *Bartonia paniculata*W. side of Wells Island, 4 1/2 miles SE of Tuckerton,
Ocean Co. Oct. 29, 1939

- 18 *Cyperus strigosus*
 19 *Baccharis latifolia*
 20 *Juniperus virginiana*
 21 *Rhus copallina*
 22 *Ilex opaca*
 23 *Myrica carolinensis*
 24 *Aster ~~umbellatus~~ carolinensis*
 25 *Distichlis spicata*
 26 *Spartina alternifolia* var. *pelosa*
 27 *Spartina alternifolia* var. *pelosa*
 28 *Gerardia manitima*
 29 *Spartina patens*
 30 *Juncus ~~maritima~~*
 31 *Juncus roemerianus* Michx.
 32 *Cyperus filicinus* Vahl.
 33 *Spartina pectinata*
 34 *Croton bennettii*
 35 *Lolidago graminifolia*
 36 *Lolidago sempervirens*

Tuckerton Radio Station, 4 miles S. of Tuckerton,

Tuckerton, Ocean Co. Oct. 18, 1939

- 37 *Distichlis spicata*
 38 *Baccharis campylocha*
 39 *Ilex frutescens* L.
 40 *Diagrostis megastachya*
 41 *Aster subulatus*
 42 *Salicornia mucronata*
 43 *Atriplex patula* L. var. *laetata*
 44 *Salicornia europaea*

Philadelphia

Jan 4, 1939

16745

1 mi n.e. Berksville, 1/2 of French Creek,
Chester Co. Pa. Apr. 23, 1939

- 46 *Obolaria virginica* L.
 47 *Viola rotundifolia* Michx.

along N. B. Melancton Creek,
2 mi. S. W. of Oriental, Juniata Co.
(Roadside) June 20, 1939
alt. 170 m.

- 48 *Dioscorea villosa*
 49 *Verbascum*
 50 *Dianthus Armeria*

Same loc. (rocky stream bed)

- 51 *Asclepias syriaca*
 52 *Poa compressa*
 53 *Agrostis*
 54 *Rubus occidentalis*
 55 *Elodea canadensis*
 56 *Ludwigia palustris*
 57 *Carex lurida*
 58 *Trifolium pratense*
 59 *Myosotis*
 60 *Galium*
 61 *Hydrocotyle*
 62
 63 *Campanula aparinoides*
 64 *Laportea canadensis*
 65 *Chrysanthemum leucanthemum*
 66 *Cerastium*
 67 *Plantago lanceolata*
 68 *Stellaria longifolia*
 69 *Barbarea vulgaris*

- 16270 *Lepidium campotric*
 71 *Geum canadense*
 72 *Phytocarpus opulifolia*
 73 *Oenothera perennis*
 74 *Cryptotaenia canadensis*
 75 *Thalictrum flavum*
 76 *Potentilla*
 77 *Lysimachia ciliata*
 78 *Potentilla norvegica* v. *hirsuta*
 79 *Lysimachia nummularia*

Along Tusquehanna River
 3 mi. n.e. of Liverpool Perry Co.

- 80 *Juncus acuminata* Michx. June 20, 1937
 81 *Scirpus americana* all 1937
 82 *Scirpus atrovirens* v. *gorgoneus*
 83 *Juncus brevicaudatus*
 84 *Carex stricta* Pursh
 85 *Fagopyrum esculentum*
 86 *Hypericum ellipticum*
 87 *Alternanthera americana*
 88 *Ludwigia palustris*
 89 *Eleocharis canadensis*
 90 *Eleocharis obtusa*
 91 *Anochea sensibilis*
 92 *Polygonum caespitosum* v. *longisetum*
 93 *Oenothera americana*
 94 *Eleocharis calva* Torr. det. R. H.
 95 *Trippa sylvestris*

Same locality. bottom of dry canal

- 96 *Arenaria serpyllifolia*
 97 *Juncus macer* S.F. Gray *macer* S.F. Gray det. R. H.
 98 *Rumex acetosella*
 99 *Lysimachia nummularia*

- 16300 *Geum canadense*
 1 *Carex stricta* Pursh
 2 *Thalictrum pratense*
 3 *Rumex crispus*
 4 *Juncus macer* S.F. Gray
 5 *Nepeta hederacea*
 6 *Festuca elatior*
 7 *Barbarea vulgaris*
 8 *Achillea millefolium*
 9 *Lepidium virginicum*
 10 *Solanum carolinense*
 11 *Poa pratensis*
 12 *Poa compressa*
 13 *Spectularia perfoliata*
 14 *Osmorhiza brevistylis* Clayton
 15 *Carex complanata*

1 mi. n.w. of McEwen, Snyder Co.

(Railroad embankment) June 21, 1937

- 16 *Osmunda Claytoniana* with V. D. F.
 17 *Geranium maculatum* all 1937
 18 *Vaccinium vacillans*
 19 *Solanum carolinense*

same loc. (wade side)

- 20 *Apocynum androsaemifolium*
 21 *Heliopsis helianthoides*
 22 *Diervilla lonicera* with V. D. F.
 23 *Crataegus* all 1937
 24 *Asclepias syriaca*
 25 *Quercus palustris*
 26 *Hypericum perforatum*
 27 *Apocynum cannabinum*
 28 *Conyza americana*

- 16329 *Smilax herbacea*
 30 *Veronica officinalis*
 31 *Lisymbium altissimum*
 32 *Matricaria matricarioides*

same loc. (south slope, broken rock)

- 33 *Rosa carolina* alt. 180-200 m.
 34 *Agrostis agithago*
 35 *Bromus mollis*
 36 *Prunus serotina*
 37 *Lysimachia quadrifolia*
 38 *Panicum Lindheimeri*
 39 *Ceanothus americanus*
 40 *Poa compressa*
 41 *Bromus ciliatus*?
 42 *Gabium apurum*
 43 *Erigeron multiflorus*
 44 *Panicum linearifolium*
 45 *Quercus*
 46 *Specularia perfoliata*
 47 *Trifolium agrarium*
 48 *Polygonum convolvulus*
 49 *Erigeron canadensis*
 50 *Arenaria serpyllifolia*
 51 *Veronica arvensis*
 52 *Galium florida*?
 53 *Rubus occidentalis*
 54 *Patheocissus quinquefolia*
 55 *Sambucus canadensis*
 56

Same loc. (wooded north slope) alt. 700 m.

- 56 *Dryopteris spinulosa*
 57 *Phytolacca americana*
 58 *Viburnum acerifolium*

- 16359 *Dryopteris*
 60 *Corylus rostrata*
 61 *Desmodium illinoense*
 62 *Polygonum virginicum*
 63 *Urtica* ~~not~~ *causa*
 64

3-3.5 mi. E of Bloerstown, Snyder Co.
 (wooded S. slope)

- 64 *Gabium canadense* Michx.
 65 *Urtica occidentalis* var. *perfoliata* (Muhl.)?
 66 *Urtica* ~~causa~~ Marsh.
 67 *Aquilegia canadensis* L.
 68 *Cornus paniculata* L.
 69 *Conopogon americanus* (L.) Willd.
 70 *Apocynum androsaemifolium* L.
 71 *Urtica occidentalis* var. *perfoliata* (Muhl.)?
 72 *Muhlenbergia alba* Desv.
 73 *Madicago lupulina* L.
 74 *Ceanothus americanus* L.
 75 *Dioscorea villosa* L. (*Dioscorea* not?)
 76 *Lysimachia ciliata*
 77 *Thalictrum*
 78 *Erigeron americanus* (Walt.) BSP.
 79 *Rhus glabra* L.
 80 *Viburnum*
 81 *Hypericum perforatum* L.
 82 *Sanicula spicata* (L.) Beauv.
 83 *Achillea millefolium* L.
 84 *Zizia aurea* (Walt.) M.
 85 *Erigeron vulgaris* L.
 86 *Veronica officinalis* L.
 87 *Carex acutata*
 88 *Botrychium virginicum* (L.) Sw.
 89 *Tilia americana* L.

16390 *Thaspium barbinode* (Muhl.) Nutt.

91 *Carex cephalophora* Muhl.

92

(same loc) (roadside) with 16397

16393 *Celtis*

94 *Vitis aestivalis* Muhl.

95 *Juglans nigra* L.

96 *Rubus occidentalis* L.

97 *Cephaelanthus occidentalis* L.

(woods, largely swampy)

98 *Galium circaregans* Muhl.

99 *Hieracium venosum* L.

16400 *Demetaria punctilobula* (Muhl.) Moore

01 *Michella repens* L.

1/2 mi N.E. Paxterville, Snyder Co. June 21, 1939

Rich woods on flat bottom of valley

2 *Ludwigia palustris* (L.) Ell.

3 *Gratiola polytricha*

4 *Carex lucida* Wahlenb.

5 *Viola pubescens* Ait.

6 *Cryptotaenia canadensis* (L.) DC.

7 *Camorhiza Claytoni* (Muhl.) Clarke

8 *Urtica americana* L.

9 *Salix nigra* Marsh.

10 *Fagus grandifolia* Ehrh.

11 *Urtica dioica* Caroliniana Walt.

12 *Carex depulsa* Muhl.

13 *Smilax rotundifolia* L.

14 *Carya ovata* (Mill.) K. Koch.

15 *Lupinus albus* L.

16 *Stellaria longifolia* Muhl.

16417 *Eriogon philadelphicus* L.

18 *Asclepias physocarpoides* Pursh.

19 *Smilax racemosa* (L.) Desf.

20 *Artemisia aquatica* L.

Same loc. (demetaria) (roadside)

21 *Polypodium virginicum* L.

22 *Urtica dioica*

23 *Urtica dioica* Lam.

24 *Urtica dioica*

25 *Taraxacum officinale* (L.) W. Greuter

26 *Taraxacum officinale* Marsh.

27 *Cardamine rotundifolia* Muhl.

28 *Matella diphylla* L.

29 *Urtica dioica* L.

30 *Urtica dioica* (L.) Spach.

31 *Hydrangea arborescens* L.

32 *Eleocharis*

Penns Creek P.O.

1/2 mi S.E. of Paxterville, Snyder Co. June 21, 1939

deciduous woods Snyder Co. June 21, 1939

33 *Plantain virginicum*

34 *Viburnum acerifolium*

35 *Carex cephalophora*

36 *Vitis*

37 *Urtica dioica*

38 *Pennisetum*

39 *Apocynum androsaemifolium*

40 *Lactuca tatarica*

41 *Galium circaregans*

3 miles N.W. of Laurelton, Union County
(dry, sterile wooded hillside, S. slope) June 22, '39

- 16442 *Crataegus*
43 *Hieracium venosum*
44 *Ceanothus americanus*
45 *Castanea dentata*
46 *Pleridium aquilinum*
47 *Nyssa sylvatica*
48 *Salvia latifolia*
49 *Echiochloa capitata* (L.) R. Br.
50 *Juncus macer* S. F. Gray
51 *Carex glaucoidea*
52 *Hypericum perforatum*
53 *Baptisia tinctoria*
54 *Rhus copallina* v. *latifolia*
55 *Panicum linearifolium*
56 *Oenothera biennis*
57 *Rubus allegheniensis*
58 *Quercus palustris*
59 *Sassafras albidum*
60 *Plantago major*
61 *Poa compressa*
62 *Galium triflorum*
63 *Holcus lanatus*

Banks of Susquehanna River, New Columbia, Union Co.
(thicket along river margin) June 22, 1939

- 64 *Trigonotis*
65 *Asplenium adnigrum*
66 *Salix nigra*
67 *Rumex crispus*
68 *Comarostaphylos*
69 *Equisetum arvense*
70 *Galium aparine* (L.) P. B.

- 16471 *Barbarea vulgaris*
72 *Salix fragilis*
73 *Cryptotaenia canadensis*
74 *Bolanderia cylindrica*

Edge of Dutch White Oak Bog, 1 1/2 mi. N.W. of
White Deer, Union Co. (thicket along edge) June 22

- 75 *Carex*
76 *Carex*
77 *Carex lasiocarpa*
78 *Carex rosea*
79 *Viburnum acerifolium*
80 *Galium lanceolatum*
81 *Phlox pilularis*
82 *Trifolium agrarium*
83 *Quercus alba*
84 *Galium aparine*
85 *Panicum linearifolium*
86 *Urtica dioica*
87 *Smilax racemosa*
88 *Rhus typhina*
89 *Polypodium virginicum*
90 *Vitis*

Hall Pond, 3 1/2 mi. S. Trout Run, Lycoming Co.
(Wooded swamp) June 22, 1939

- 91 *Athyrium angustum*
92 *Juncus macer*
93 *Asmunda cinnamomum*
94 *Carex trisperma*
95 *Carex*
96 *Coptis trifolia*
97 *Ranunculus acris*
98 *Lycopodium lucidulum*

Pennsylvania
(same location) marshy old field

- 16499 *Penstaeidia punctilobula* (Michx.) Moore
500 *Potentilla norvegica* L. v. *hirsuta* L.
1 *Hamamelis virginiana* L.
2 *Carex scoparia* Schreb.
3 *Lysimachia terrestris* (L.) B.S.P.
4 *Rumex acetosella* L.
5 *Achillea millefolium* L.
6 *Kalmia latifolia* L.
7 *Sambucus canadensis* L.
8 *Carex gynandria*
9 *Salix*
10 *Glyceria*
11 *Carex stipata* Muhl.
12 *Panicum*
13 *Anthoxanthum odoratum* L.
14 *Galium tinctorium* L.
15 *Clethra tenuis*
16 *Panthera spicata* (L.) Beauv.
17 *Asplenium adnigrum* (L.) Britt.
18 *Dryopteris spinulosa*
19 *Vaccinium corymbosum* L.
20 *Oenothera perennis* L.
21 *Populus tremuloides* Michx.
22 *Trifolium*
23 *Carex scoparia* Schreb.

(Same loc.) dry woods

- 24 *Asplenium regalis* L.
25 *Aralia nudicaulis* L.
26 *Castanea dentata* (Marsh) Borkh.
27 *Betula papyrifera* Marsh.
28 *Polystichum acrostichoides* (Michx.) Schott.
29 *Panthera spicata* (L.) Beauv.
30 *Actea alba* (L.) Mill.

Pennsylvania

- 16531 *Carex*
32 *Panicum linearifolium* Scribn.
33 *Mediola virginiana* L.
34 *Aur. pennsylvanica* (L.) Mill.
35 *Lycopodium obscurum* L.
36 *Panicum*

same loc. (roadside)

- 37 *Lysimachia quadrifolia* L.
38 *Lysimachia quadrifolia* L.
39 *Gaultheria procumbens* L.
40 *Viola fimbriatula* Sm.
41 *Polygala paucifolia* Willd.
42 *Mitchella repens* L.
43 *Trillium undulatum* Willd.

3 mi. W of Butlerwood, along Blackhouse
Creek, Rye, N.Y. June 22, 1924
(Wet, swampy woods, along
flat bottom lands along creek)

- 44 *Podophyllum peltatum* L.
45 *Solanum dulcamara* L.
46 *Veronica americana* (Schwein.) Raf.
47 *Carex Swanii*
48 *Myosotis laxa* Schreb.
49 *Stellaria longifolia* Muhl.
50 *Viola conspersa* Reichenb.
51 *Tiarella cordifolia* L.
52 *Carex leptoneura* det. F. G. H.
53 *Peperomia hederacea* (L.) Fren.
54 *Chrysosplenium*
55 *Carex stipata* Muhl.
56 *Carex lunata* Wahlenb.
57 *Carex prasina* Wahlenb.

16558 Eleocharis capitata (L.) R. Br.

59 Glycyrrhiza strata

Steep S. slope, broken shale, Beech-Maple woods

60 Dryopteris marginalis alt. 370-470 m.

61 Carex muscicola

62 Asplenium platyneuron

63 Brachyleytrum erectum

64 Sisyrinchium gramineum

65 Arisaema atrorubens

66 Pteridium aquilinum

67 Carex convolutum

68 Carex platyphylla

69 Panthousia impressa

70 Carex abscissa digitaria

71 Carex debilis

72 Valeriana acutifolia

73 Glomus lanceolatum

74 Panthousia spicata

75 Panthousia lindheimeri

76 Fuchsia montana

77 Carex tenera

(along stream)

78 Veratrum viride

alt. 365 m.

~~79 Stellaria~~

(roadside)

79 Stellaria aquatica

alt. 370 m.

80 Asarum canadense

81 Galabarda repens

3 mi. N. of Meads, along Wilson Creek,
Tioga Co. June 22, 1937

(rich woods on valley bottom)

16532 Rumex acetosella L.

83 Eragrostis ~~peruviana~~ ^{abundant}

84 Potentilla simplex

85 Carex praealpina Wahlenb.

86 Dryopteris ^{spiculosa (Willd.)} ~~intermedia~~

87 Glycyrrhiza mexicana (Michx.) Kunt.

88 Polygonatum pubescens

89 Anemone sessilifolia

90 Laportea canadensis

91 Carex radiata

92 Carex Deweyana

93 Medeola virginiana

94 Carex scoparia

95 Carex acuticollis

96 Carex vulpinoidea

97 Clintonia borealis

98 Carex debilis v. Rudgei

99 Lyndium campestris

16600 Juncus macer S.F. Gray

Harrison State Park, Pine Creek, 9 mi. S.W. of
Wellsboro, Tioga Co. June 24, 1937
(rich forest on edge of plateau
above canyon wall)

01 Carya ovata

02 Tilia americana

03 Polygala paucifolia

04 Carpinus caroliniana Walt.

05 Salix humilis Marsh.

06 Ilex monticola montana Gray

07 Castanea dentata

- 16608 *Senecio obovato*
 09 *Acer spicatum*
 10 *Amelanchier canadensis*
 11 *Apocynum androsaemifolium*
 12 *Panicum linearifolium*
 13 *Luzula setacea*
 14 *Ribes*
 15 *Actaea alba pachypoda*
 16 *Tranilla cordifolia* L.
 17 *Dioscorea lanifolia*
 18 *Mitella diphylla*
 19 *Cryptotaenia canadensis*
 20 *Urtica canadensis*
 21 *Vaccinium angustifolium* Ait.
 22 *Hydrangea arborescens*
 23 *Prunella vulgaris*
 24 *Caulophyllum thalictroides* (L.) Michx.
 25 *Bromus ciliata*
 26 *Lonicera sp.*
 27 *Geum canadense*

same loc. (Thin woods on canyon wall near top)

- 28 *Betula papyrifera* Marsh.
 29 *Betula ~~papyrifera~~ var. cordifolia* (Michx.) Fern.
 30 *Prunus virginiana* L.
 31 *Arabis viridis* Hager del. R. F. M.
 32 *Candamine pennsylvanica* Muhl.
 33 *Cinna alpina* L.
 34 *Chrysosplenium americanum* Schreb.
 35 *Woodsia Cystopteris fragilis*

Virginia Highlands, Arlington Co. Va.

(weedy bog)

Aug. 24, 1939

- 16636 *Xyris torta* J. L. L.
 37 *Cyperus strigosus* L.
 38 *Juncus longii* Fern. det. J. J. H. 1940
 39 *Oxyanthemum flexuosum* (Walt.) B. S. P.
 40 *Lobelia ~~sp. L.~~ puberula*
 41 *Cassia nictitans* L.
 42 *Euphorbia nutans* L. g.
 43 *Rhexia virginica* L.
 44 *Juncus subcaudatus* det. J. J. H.
 45 *Linum*
 46 *Vernonia noveboracensis* Willd.
 47 *Oxypholis rigidus* det. M. C. V.
 48 *Poll. Polygonum pennsylvanicum* L.
 49 *Echinochloa crusgalli* (L.) Beauv.
 50 *Datura stramonium* L. var.
 51 *Mikania scandens* (L.) Willd.
 52 *Ipomoea lacunosa* L.
 53 *Verbena urticaefolia* L.
 54 *Ludwigia alternifolia* L.
 55 *Polygonum persicaria* L.
 56 *Carex lurida* Wahlenb.
 57 *Eupatorium perfoliatum* L.
 58 *Carex frankii* Kunth
 59 *Juncus ~~testilis~~ effusus* L. var. *solutus*
 60 *Polygonum punctatum* Ell.

(weedy filled in ground)

- 61 *Solidago juncea*
 62 *Panicum dichotomiflorum* Michx.

(edge of garden)

Aug. 25, 1939

- 63 *Pueraria hirsuta* Schreid.

Great Falls of the Potomac, Fairfax Co.

Aug 26, 1939

(great rocks along the river)

- 16644 *Apocynum tuberosum* Moench
 65 *Elephantopus carolinianus* Willd.
 66 *Acalypha*
 67 *Galium pilosum* Ait.
 68 *Coreopsis tripteris* L.
 69 *Juncus*
 70 *Leucothoe racemosa* (L.) Gray
 71 *Ilex verticillata* (L.) Gray
 72 *Lespedeza*
 73 *Clematis*
 74 *Cyperus*
 75 *Veronica virginica* L.
 76 *Sida spinosa* L.
 (~~woods along river~~)
 77 *Ludwigia palustris* (L.) Ell.
 78 *Lobelia*

(woods, near river)

- 79
 80 *Lyonia ligustrina* (L.) DC.
 81 *Carpinus caroliniana* Walt.

Hunting Creek, Alexandria, Fairfax Co.

(edge of ~~marsh~~ marshy Creek)

Aug. 27, 1939

- 82 *Asclepias incarnata* L.
 83
 84 *Commelina hirtella* Vahl
 85 *Ipomoea hederacea* Jacq.
 86 *Diodia teres* Walt.
 87 *Ipomoea purpurea* (L.) Roth.

6688 *Hibiscus moscheutos* L.89 *Cuscuta*90 *Cornus amomum* Mill.

91

92 *Cephalanthus occidentalis* L.93 *Alnus serrulata* Willd.94 *Clematis virginiana* L.95 *Rudbeckia laciniata* L.

96

97 *Helenium autumnale* L.98 *Chelone glabra* L.

Gum Springs, Fairfax Co.

(somewhat swampy open woods) Aug. 27, 1939

99 *Carex*

16700

01 *Sentellaria*02 *Lycopus uniflorus* Michx.03 *Carex*04 *Cassia depressa* Poll.05 *Boehmeria cylindrica* (L.) Sw.06 *Acalypha*07 *Eleocharis*08 *Galium bicorne* Stokes

Wallingford, Delaware Co. Penna. Sept 4, 1939

09 *Physostegia virginiana* Nutt.

Virginia Highlands, Arlington Co. Va.

x (weedy bog)

Sept 7, 1939

10 *Dioscorea villosa* L.11 *Diospyros virginiana* L.12 *Typha latifolia* L.13 *Erianthus giganteus*

- 16741 *Andropogon glomeratus* Walt. 1878
 12 *Juncus subcaudatus*
 16 *Salix nigra* 28. 4. 24
 17 *Eupatorium purpureum* ?
 18 *Desmodium illinoense* Darl.
 19 *Prunella vulgaris* L.
 20 *Lythrum hyssopifolium*
 21 *Polygonum sagittatum* L.
 22 *Helianthus giganteus* L. 28. 4. 24
 23 *Forchastrium nutans*
 24 *Helianthus giganteus* L. 28. 4. 24
 25 *Juncus subcaudatus* det. F. J. H.
 26 *Gerardia purpurea* L. det. M. V.
 27 *Solidago rugosa* L.
 28 *Phlox pilularis* L.

1/2 mi. s.e. Dunnsville, Essex Co.

(wooded ravine) Sept. 2, 1937

- ✓ 29 *Vitis cordifolia* Michx.
 30 *Actinomeria alternifolia* (L.) DC.
 31 *Elephantopus carolinianus* Willd.
 32 *Eupatorium*
 33 *Alnus serrulata* Willd.
 34 *Clethra alnifolia* L.
 35 *Pilea pumila* (L.) Gray
 36 *Woodwardia areolata* (L.) Moore
 37 *Agrostis*
 38 *Athyrium*
 39 *Ludwigia alternifolia* L.

Rappahannock R.

Waterview, Middlesex Co.

(marshy, sandy Sept. 10, 1939)

- margin of brackish estuary)
 40 *Baccharis halimifolia* L.

- 16741 *Iva frutescens* L. found in sand (about 1/2 mi. s.e. Dunnsville)
 42 *Paspalum*
 43 *Cassia nictitans* L.
 44 *Panicum*
 45 *Eupatorium*
 46 *Eupatorium hyssopifolium*
 47 *Lactuca*
 48 *Xanthium*
 49 *Lespedeza virginica* (L.) Britt.
 50 *Lespedeza striata* (Thunb.) H. & A.
 51 *Gnaphalium obtusifolium* L.
 52 *Pluchea camphorata* (L.) DC.
 53 *Acnida cannabina* L.
 54 *Acnida cannabina* L.
 55 *Chenopodium ambrosioides* L.
 56 *Euphorbia nutans* Lag.

Estuary of Rappahannock

near Urbanna, Middlesex Co.

salt marsh and saline sandy flats

Sept. 14, 1939

- 57 *Equisetum*
 58 *Monarda punctata* L.
 59 *Fimbristylis*
 60 *Opuntia*
 61 *Trichostema dichotomum* L.
 62 *Croton glandulosus* L. var. *septentrionalis* M. & G.
 63 *Scirpus robustus* Pursh.
 64 *Aster subulatus* Michx.
 65 *Digitaria filiformis* (L.) Koeler.
 66 *Eupatorium*
 67 *Andropogon Elliottii* Chapm.
 68 *Polypernum procumbens* L.
 69 *Cyperus cylindricus* (L.) Britt.
 det. F. J. Hermann

16770 Head of Roanoke River Estuary, 2 mi. n.w.
Mount Vernon, Fairfax Co. (see list)
1 mud flat along stream Sept. 17, 1939

- 16770 *Cabomba caroliniana* Gray
71 ~~*Isocaulon flabellum*~~ (L.)
72 *Potamogeton amplifolius* Trub.
73 *Ceratophyllum demersum* L.
74 *Trinervia* (L.)
75

- 76 *Polygonum amplifolium* L.
77 *Calyptra caroliniana* (Walt.)

(roadside)

- 78 *Trinervia dichotomum* L.

(submerged in running stream)

- 80 *Potamogeton crispus* L.
81 *Vallisneria spiralis* L.
82 *Potamogeton amplifolius* Trub.

Hunting Creek, Alexandria, Fairfax Co.
(edge of estuarine marsh) Sept. 17, 1939

- 83 *Potamogeton cordata* L.
84 *Iris*
85 *Cyperus*
86 *Xanthium*
87 *Clematis*
88 *Actinomeris alternifolia* (L.) DC.
89 *Panicum dichotomiflorum* Michx.
90 *Panicum*
91 *Aster paniculatus* Lam.
92 *Acer negundo* L.
93 *Panicum*

- 16794 *Acalypha*
95 *Rhynchospora alba* L.
96 *Ambrosia*

Virginia Highlands, Arlington Co.
(weedy vacant lot) Sept. 22, 1939

- 97 *Chrysopsis mariana* (L.) Nutt.
98 *Gerardia tenuifolia* Vahl? det. R. M.
99 *Solidago nemoralis* Ait.
16800 *Helianthus angustifolius* L. det. R. M.

.8 mi. n.w. Fairview, Gloucester Co. N.J.

(bushy swales and thickets, glaucous with
Sept. 24, 1939)

- 01 *Juniperus virginiana* L.
02 *Diodia teres* Walt.
03 *Cyperus*
04 *Lespedeza*
05 *Hypericum gentianoides* (L.) D. S. P.
06 *Prenanthes trifoliolata* (Cass.) Fernald
07 *Cypripedium acaule* Ait.
08 *Valeriana dentatum* or *Valeriana*
09 *Solidago puberula* Mill. det. R. M.
10 *Eupatorium pubescens* Mill. det. R. M.
11 *Gerardia*
12 *Solidago bicolor* L.
13 *Aster*
14 *Potamogeton*

.8 mi. s.e. Fairview, Gloucester Co.

(fine sand, mixed woods under
growth of *Clethra*, etc.) Sept. 24, 1939

- 15 *Plex*
16 *Clethra alnifolia* L.

- 16317 *Epigaea repens* L.
 18 *Xerophyllum aschphodelioides* (L.) Nutt.
 19 *Woodwardia areolata* (L.) Moore
 20 *Mitchella repens* L.
 21 *Botrychium dissectum* Spreng.
 22 *Botrychium dissectum* Spreng f. *oblongum* (L.)

1.4 mi s.e. Fannieu, Gloucester Co.
 sandy swale Sept 20, 1939

- 23 *Aster*
 24 *Lolida*
 25 *Asplenium platyneuron* (L.) Oakes

1 mi. n.e. w. Glenloch, Gloucester Co.
 sandy flats. Sept 24, 1939

- 26 *Aletris farinosa* L.

.8 mi. n.w. w. Glenloch, Gloucester Co.
 sand & woods on water & dunes
 Sept. 24, 1939

~~27 *Aletris farinosa* L.~~

- 27 *Quercus montana*
 28 *Polygonella articulata* (L.) Meier
 29 *Monotropa uniflora* L.
 30 *Melampyrum*

Gloucester Co.
 (sandy pine woods, white sand,
 Sept 24, 1939

- 31 *Asclepias tuberosa* L.
 32 *Euphorbia ipseacanthae* L.
 33 *Lechea*
 34
 35 *Lechea*

- 16335 *Melampyrum*

Chain Bridge, Potomac River, D.C.
 (Rocky flat along river bed.) Sept. 22, 1939

- 36 *Quercus imbricaria* Michx.

37

38

- 39 *Arthraxon hispidus* (H. & A.) Honda

- 40 *Bidens comosa* (Gray) Wiegand det S.E. H. & A.

- 41 *Bidens comosa* Muhl. det S.E. H. & A.

Scotland Run.

1/4 mi S. Iona, Gloucester Co. N.J.
 (thin woods, white sand) Oct. 1, 1939

- 42 *Centaurea*

- 43 *Trichostema*

- 44 *Aster*

- 45 *Asclepias tuberosa*

- 46 *Euphorbia ipseacanthae*

- 47 *Dioidia texa*

- 48 *Cyperus*

- 49 *Opuntia*

- 50 *Hudsonia ericoides*

- 51 *Polygonella articulata*

s.e. side Malaga Lake, Malaga, Gloucester Co.
 (wet sandy flat) Oct. 1, 1939

52

- 53 *Dulichium amandianum*

- 54 *Chamaecyparis thyoides*

- 55 *Hudsonia ericoides*

- 56 *Pyxidanthus*

- 57 *Pentstemon prostratus*

- 58 *Ilex*

- 59 *Eleocharis olivacea* Torr.

swampy
(dense ~~swampy~~ woods)
16362 *Parianum*

wooded bank of Littleton Run, 1 mi. N.W.
Painville, 1 mi. S. of James, Gloucester Co.
open woods, fine white sand
Oct. 1, 1939

- 71) 61 *Xanthophyllum asphodeloides*
62 *Distichlis*
63 *Lolida*
64 *Chrysopsis mariana*
65 *Lespedeza*
66 *Aster*

Aurora Hills, Arlington Co. Va. Oct. 8, 1939
(wooded, rather steep ridge, woods
mostly oak, with some pines
and scattered ~~other~~ deciduous species)

- 67 *Quercus alba* L.
68 *Lolida erecta* Pursh.
69 *Lindernia pyxidaria*
70 *Crocosma quaternata*
71
72 *Agrostis perennans*
73 *Gallium flavum* L.
74 *Agrostis villosa* mollis det. M. H.
75 *Houstonia* ~~Hydrocotyle~~ *pergrua*
76 *Psittacaria pilosa*
77 *Muhlenbergia sobolifera* (Muhl.) Trin.
78 *Lilium stellatum*
79 *Elephantopus carolinianus* Willd.
80 *Lolida caesia* L.
81 *Lolida erecta* Pursh. det. S. F. A.
82 *Carex oregonica*

- 16373 *Cornus florida* L.
83 *Epigaea repens* L.
84 *Asplenium virginicum* L. det. M. H.
85 *Gallium triflorum*
86 *Hedera pulegioides*
87 *Eupatorium sessilifolium* det. S. F. A.

3/4 mi. n.w. Clarkburg, Montgomery Co. Md.
(road cut through finely clearing
talc schist or shale) Oct. 9, 1939

88 *Houstonia*

1 mi. S.E. Clarkburg, Montgomery Co.
(along highway, edge of mixed ~~wood~~
woods) Oct. 9, 1939

- 90 *Chrysopsis mariana*
91 *Lespedeza*
92 *Aster linearifolius* L. det. S. F. A.

~~From~~ Virginia Highlands, Arlington Co. Va.
Oct. 13, 1939

- 93 *Aster pilosus* var. *demotus* Blake det. S. F. A.
94 *Aster purpureus* L. det. S. F. A.
95 *Halis humilis* *spedraula* det. C. R. B.
96 *Halis nigra*

Old Rag Mt., Ridge Trail above
Nethers, Madison Co. Oct. 15, 1939

(wooded slopes, mostly chestnut
oak, with dead chestnut)

- 97 *Rhododendron nudiflorum* (L.) Torr.
98 *Menyanthes pilosa* (Muhl.) Pers.
99 *Lolida caesia* L.

16900 *Houstonia* ~~per~~ *Hydrocotyle pergrua* 7.09

16901. ~~N. americana~~ *Podophyllum peltatum* (Raf.) Torr.
 02. *Podophyllum peltatum* (Raf.) Torr.
 03. *Polygala verticillata* L. det. S. J. O. Blake
 04. *Cardis canadensis* L.
 05. *Galium latifolium* Michx.
 06. *Galium triflorum* Michx.
 07. *Botrychium obliquum* Muhl.
 08. *Hydrangea arborescens* L.
 09. *Kalmia latifolia* L.
 10. *Lysichiton ligustrina*

main ridge of Old Rag Mt.
 Madison Co.

Oct. 15, 1939

(exposed ridge, partially bare
 granite, mostly brushy)

11. *Solidago squarrosa* (Muhl.) det. S. J. O. Blake
 12. *Viburnum acerifolium* L.
 13. *Spiraea ~~opulifolia~~ betulaefolia* capillaris
 14. *Hydrangea arborescens* L.
 15. *Salix humilis* Marsh.
 16. *Salix sericea* Marsh.
 17. *Ilex montana* (T. & G.) Gray
 18. *Pyrus ~~arbutifolia~~ melanocarpa* (L.) ~~var. atropurpurea~~ (L.) ~~var. pubescens~~ (L.) ~~var. pubescens~~ (L.) ~~var. pubescens~~ (L.)
 19. *Saxifraga ~~laevigata~~ micrantha* Michx.
 20. *Ilex montana* (T. & G.) Gray
 21. *Pyrus americana* (Marsh.) DC.
 22. *Campanula flexuosa* Michx.
 23. *Mitchella repens* L.
 24. *Solidago puberula* Nutt. det. S. J. O. Blake
 25. *Aureolaria laevigata* (Raf.) Raf.
 26. *Gaster ~~Solidago~~ carolinensis* T. & G. app. det. S. J. O. Blake
 27. *Stenopogon ~~puberula~~ substylis capillaris*
 28. *Solidago puberula* Nutt. det. S. J. O. Blake
 29. *Tsuga canadensis* (L.) Carr.

- 16930: *Sedum telephium*

saddle trail up west side
 of Old Rag Mt., Madison Co.

(steep wooded slope) Oct. 15, 1939

31. *Salix humilis* Marsh.
 32. *Salix sericea* Marsh.
 33. *Clematis virginiana* L.
 34. *Castanea dentata* (Marsh.) Britton
 35. *Hamelis virginiana* L.
 36. *Acer pennsylvanicum* L.

s. of Carl

Gloucester Co. N.J.
 Oct. 21, 1939

37. *Lycopodium alpecuroides*

New Brooklyn, Gloucester Co. N.J.
 (brushy woods on white sand)
 Oct. 21, 1939

38. *Hudsonia ericoides* L.
 39. *Leiosphyllum buxifolium* (Berg.) Ell.
 40. *Pyxidanthra barbulata* Michx.
 41. *Kalmia angustifolia* L.
 42. *Xerophyllum asplendens* (L.) Nutt.

near Great Egg Harbor River
 Gloucester Co.

of Willamette
 Oct. 21, 1939

43. *Pyrus arbutifolia* (L.) L.f.
 44. *Solidago*
 45. *Azcyum*

A

Aurora Hills, Arlington Co. alt.
 scattered clumps
 Along small streamlet in
 swally woodland of mixed
 deciduous trees and ~~scrub~~ ^{scrub}
Panicum virginianum Mar. 24, 1941

Caespitose shrub about
 4 m. tall, staminate catkins
 pendent, brownish-yellow.

+ 16946

Alnus

Virginia Highlands, Arlington Co.
 edge of small weedy bog
 clump several m. across 1 m.
 tall, stems arising with
 a slightly cant at top, young
 catkins yellow, catkins leaf
 off, catkins yellow, perianth
 white Apr. 7, 1941

+ 16947

Folix

Virginia Highlands, Arlington Co.
 shrub in small weedy bog
 young tree 4 m. tall, 3 m.
 brown, bark, perianth yellow
 and striped red, catkins
 greenish red. Apr. 7, 1941

+ 16948

Acer

Globe Rock Rd. 15 km. N. of Arlington Co.
 abundant in swampy flat
 bottom land in brushy deciduous
 woods - alder, willows, oaks, maple, etc.

Apr. 7, 1941

tree 5 m. tall, 3 m. thick near
 base, pedicels greenish, perianth
 red, leaf yellow, catkins
 small, catkins dark purple
 16949 Apr.

Aurora Hills, Arlington Co.

Apr. 27, 1942

Then second growth woods
 on top of ridge, chiefly around

catkins
 of catkins,
 etc.

catkins
 catkins
 red, brown
 yellow
 somewhat
 somewhat
 white

L.

to Co.

2 m. tall,
 2 m. tall,
 2 m. tall,

broken branches aromatic,
 flowers pale greenish
 yellow, stamens orange.

27. *Sassafras albidum*57. *Sassafras albidum*

A

Aurora Hills, Arlington Co. all
scattered clumps
Along small streamlet in
swampy woodland of mixed
deciduous trees and ~~scrub~~ ^{scrub} ~~forest~~.
Prunus virginiana. Mar 24, 1940

Caespitose shrub about
4 m. tall, staminate catkins
pendent, brownish-yellow.
* 16946 *Alnus*

V.

PLANTS OF VIRGINIA

Arlington County

Sassafras albidum

Locality: Virginia Highlands, near Jefferson Davis.
Hills.

Occurrence: Excavated clay beds

Date: April 27, 1940

Col. F. R. Fosberg

No. 169

* 16947

V.

near young trees of 2.5 m. tall, broken branches
inoculate. flowers pale greenish yellow
femurides orange, female flowers.

* 16948 *Acer*

Global Road 2.5 km. W. of Arlington Ridge Road
Arlington Co.

Apr 7, 1940

abundant in swampy flat
bottom land in brushy deciduous
woods - alder, willows, oaks, maple, etc.

16949

tree 5 m. tall, stem thin near
base, pedicels perianth, petals
red, disk yellow, filament
white, anthers dark purple.
Acer

Aurora Hills, Arlington Co.

Apr 27, 1940

Thin second growth woods
on top of ridge, chiefly around
burned spots. Spreading
stems from a basal woody,
corolla lemon yellow.

16950

Corydalis

Abundant very locally
North slope very sparsely
wooded, brush burned over.
Perennial from a horizontal
subglobose crown, somewhat
proliferating; scape succulent,
very brittle, petals white

16951

Asarum virginicum L.

Arlington Co.

Excavated clay ~~beds~~ beds,
young trees 1.5-2.5 m. tall.
broken branches aromatic,
flowers pale greenish
yellow, stamens orange.

72

Sassafras albidum

73

Sassafras albidum

A

Aurora Hills, Arlington Co. all
scattered clumps
Along small streamlet in
swampy woodland of mixed
deciduous trees and ~~scrub~~
Rum. virginiana. Apr. 24, 1940

Caespitose shrub about
4 m. tall, staminate catkins
pendant, brownish-yellow.

+ 16946 *Alnus*

Virginia Highlands, Arlington Co.
edge of a small weedy bog
clump several m. tall
old, whitish, branching with
a reddish cast and young
with a yellowish tint
top yellowish, somewhat
erect. Apr. 7, 1940

+ 16947 *Fabia*

Virginia Highlands, Arlington Co.
isolated in a small weedy bog
young trees 4 m. tall 5 cm.
thick, bark fissured, pith
and stipules deep red, young
greenish red. Apr. 7, 1940

+ 16948 *Acer*

Globe Road 1.5 km. W. Arlington Ridge Road
Arlington Co. Apr. 7, 1940
abundant in swampy flat
bottom land in brushy deciduous
woods - alder, willows, oaks, maple, etc.

Tree 5 m. tall, 1 dm. thick near
base, pedicels persistent, beneath
red like yellow, filaments
white with dark purple
base. 16949 *Rac*

Aurora Hills, Arlington Co.

Apr. 27, 1940

Then second growth woods
on top of ridge, chiefly around
burned spots. Spreading
stems from a basal node,
corolla lemon yellow.

16950 *Corydalis*

Abundant very locally,
North slope very sparsely
wooded, much burned over.
Perennial from a horizontal
subglobose crown, somewhat
proliferating; scape succulent,
very brittle, petals white.

16951 *Saxifraga virginica* L.

Arlington Co.

Excavated clay ~~beds~~ beds,
young trees 1.5 - 2.5 m. tall.
Broken branches aromatic,
flowers pale greenish
yellow, stamens very

52 *Sassafras albidum*53 *Sassafras albidum*

Maryland May 2, 1940

just north of
Lyons Creek, 2 miles east of the Patuxent
River, Anne Arundel Co. alt. $\frac{11.7m}{11.7m}$
swampy deciduous woods.

- 16554 *Viola*
55 *Arisaema*
56 *Ranunculus*
57 *Fagus*
58 *Vaccinium viticoecum*
59

just north of Meadows, 1 mile from edge of thin pine woods. $\frac{11.7m}{11.7m}$
young pine seedling. alt. $\frac{11.7m}{11.7m}$

- 60 *Amelanchier*
61 *Amelanchier*
62 *Amelanchier*
63 *Hedyotis corymbosa*

Priest Bridge, Patuxent River, Prince George's Co.
76° 42' W, 38° 57' N alt. 11 m May 7, 1940
swampy bottom lands along river.

- 64 *Salix nigra* L. det. C. P. Ball
65 *Claytonia virginica*
66 *Mertensia*

0.5 mi. S.W. of Lanham, Prince George's Co.
76° 57' W, 38° 58' N. alt. 45 m. May 8, 1940

- 67 *Vaccinium*
68 *Vaccinium*

Virginia

Virginia Highlands, Arlington Co.
Pasture, with scattered
deciduous trees.

- 16969 *Crataegus*
70 *Celtis occidentalis*
71 *Pyracantha*

Pocahontas Shelter, Shenandoah Nat. Park,
5 mi. S. of Furnace, Blue Ridge Mts.
Furnace Co. 9200 m. May 15, 1940

shady
Wet of place in thin
scrubby ls.

- 72 *Crataegus macrocarpa* Michx. det. C. P. Ball
73 *Arceuthobium*
74 *Cardamine pennsylvanica* Michx.
75 *Stellaria media*
76 *Viola papilionacea* Pursh det. C. P. Ball
77 *Ranunculus abortivus*

dry thin deciduous woods

- 78 *Asarum canadense*
79 *Viola bicolor* Michx. det. C. P. Ball
80 *Fragaria virginiana* Pursh
81 *Hamamelis virginiana*
82 *Stellaria pubera* Michx.
83 *Ribes rotundifolium* Michx.

Fauquier Co.

Deciduous woods

- 84 *Vaccinium stamineum*

vicinity of Pocosin Shelter,
Shenandoah Nat. Park, 5 mi. E of
Furnace, a slope of Blue Ridge,
Madison Co. Tenn. May 19, 1940

16985. *Prosp. comp.*

86. *Cerastium vulgatum* L.

87. *Viola palmata* L. det. E. W. Nelson

slope of broken rock and soil, open or
thin deciduous woods 950 m.

88. *Cypripedium calceolus* L. var. *pubescens* (Mill.) Pursh

89. *Pedicularis canadensis* L.

90. *Betula lenta*

91. *Juglans ^{aperta} cordata* (Mill.) B.S.P.

92. *Polypodium vulgare*

93. *Monotropa uniflora*

94. *Ranunculus hispidus* Michx.

95. *Arisaema atrombrosa* (Mill.) B.S.P.

96. *Arisaema atrombrosa* (Mill.) B.S.P. var. *glaberrima* (Mill.) B.S.P.

97. *Antennaria plantaginifolia* (L.) Hook.

98. *Juglans cinerea* L.

99. *Potentilla canadensis* L.

17000. *Ranunculus hispidus* Michx.

01. *Veronica officinalis*

02. *Smilacina racemosa* var. *glabrata*

03. *Lindera benzoin*

04. *Galium aparine*

05. *Habenaria viridis* var. *bracteata*

06. *Botrychium virginicum*

07. *Adiantum pedatum*

08. *Viola sororia* L. var. *laevigata* (Mill.) B.S.P.

09. *Geranium maculatum*

10. *Polypodium biflorum*

11. *Viola septentrionalis* Greene det. E. W. Nelson

17012. *Ternstroemia ^{palustris} var. ^{algae}* det. S. P. H. S.

13. *Capsella bursa-pastoris*

14. *Lamium amplexicaule*

15. *Veronica americana*

16. *Aralia nudicaulis*

Big Meadows, ~~Shenandoah~~ - Madison
Co. ~~Shenandoah~~ 10-15 mi. May 19, 1940
4 1/2 mi. E. by 2, on stream
Swamp

17. *Luzula campestris* (L.) Mill. var. *multiflora* (Willd.) Rostk.

18. *Amelanchier laevis* (Mill.) B.S.P. det. H. S.

19. *Pyrus melanocarpa*

20. *Hedysotis caerulea*

21. *Ranunculus hispidus* Michx.

22. *Urtica sessilifolia*

23. *Spiraea latifolia*

24. *Caltha palustris*

25. *Osmunda claytoniana* L.

26. *Anemone ranunculifolia* L.

At the entrance meadow, with
scattered bushes and trees

27. *Viola sagittata* Ait. det. E. W. Nelson

28. *Pinus strobus*

29. *Pinus pungens*

30. *Viola septentrionalis* Greene det. E. W. Nelson

31. *Betula populifolia*

32. *Antennaria plantaginifolia* (L.) Hook.

33. *Viola fimbriatula* (L.) B.S.P. det. E. W. Nelson

34. *Lycopodium complanatum*

35. *Carex pennsylvanica* Lam.

36. *Luzula campestris* (L.) Mill. var. *multiflora* (Willd.) Rostk.

37. *Lilium carolinianum* Walt.

Hes. water of Rock River below

Shenandoah Nat. Park; ^{Shenandoah Nat. Park}
Fishing Gap, E. slope of Blue Ridge.

Madison Co. 4 1/2 mi. E. Stanley 900 m

May 17, 1940

17038. *Viburnum opulus*

39. *Acer pennsylvanicum*

40. *Polypodium vulgare* vulgare

41. *Cornus florida*

42. *Vaccinium pallidum* Ait.

43. *Viola palmata* L. det. C. L. ...

Hogcamp Hollow, ~~Shenandoah~~ Shenandoah Nat. Park, E. slope of Blue Ridge, Madison Co., 4 1/2 mi. E. of Stanley

May 17, 1940

Wooded ravine

44. *Polypodium vulgare*

45. *Tsuga canadensis*

46. *Asplenium trichomanes* L.

47. *Dentaria laciniata* Michx.

48. *Arisaema atrorubens* (Ait.) Sch.

49. *Viola hastata* Michx. det. C. L. ...

50. *Viola canadensis* L. det. C. L. ...

51. *Sedum ternatum* Michx.

52. *Barbarea vulgaris* verna (Muhl.) Reck.

53. *Saxifraga micranthoidifolia*

54. *Prunus virginiana* L.

Crescent Rocks, Shenandoah Nat. Park

Cliff above road. Page Co. May 17, 1940

55. *Clematis ~~recta~~ verticillaris* DC.

56. *Abies balsamea* var. *phanerolepis*

Near end of Whitetake Can. Fire Trail

57. *Asplenium adnigrum* var. *virgatum* (L.) Small

May 17, 1940

Virginia Highlands

Arlington Co. June 12, 1940

Pasture with patches of woods. tree 6-7 m tall, fls waxy, ^{unobscured} cream color, fragrant

17058 *Diospyros virginiana*

same loc.

June 20, 1940

bushy old field. Some stems in small area. Plants erect but supported by tendrils around other plants. fls purple

17059

60 *Vicia angustifolia* Reich det. J. J. H.

open pasture fls bright yellow

61 *Oenothera perennis*

Virginia Highlands, Arlington Co.

June 22, 1940

62 *Carex gynandra* Schwein.
swampy low ground

63 *Lambucus canadensis*

64 *Lonicera ligustrina*

vacant lot clay soil, not well drained.

65 *Hedysotis caerulea*

66 *Scutellaria*

67 *Oenothera tetragona* var. *typica*

68 *Sericocarpus linifolius* (L.) BSP

69 *Aletris farinosa*

Virginia Highlands, Arlington Co.

Weedy slope with a few trees. June 25, 194017070 *Oenothera tetragona* var. *typica*71 *Oenothera tetragona* var. *typica*72 *Solanum carolinense*73 *Trifolium arvense* July 1, 194074 *Asclepias*75 *Agrostis alba* L.76 *Coreopsis*77 *Vaccinium*78 *Coreopsis tinctoria* Nutt.79 *Agropyron repens* (L.) Beauv.80 *Agropyron repens* (L.) Beauv.81 *Rubus biflorus* Vahl.July 1, 1940
same place as 71-81

Alexandria, Va.

Hunting Creek

Wet ground at high tide level -
scattered plants. June 30, 194082 *Sparganium*Cult. at Takoma Park, Md. July 3, 1940
from seeds from83 *Claytonia*

Virginia Highlands, near Jefferson

Davis Highway, Arlington Co. Va. near

84 *Fraxinus pennsylvanica* Tree 10 m. tall old forest July 6, 1940

Aurora Hills, Arlington Co. July 6, 1940

85 *Quercus*86 *Quercus*87 *Oenothera fruticosa* f. *angustifolia*17080 *Polygala curtissii* Gray89 *Rubus angustifolius* L. July 1, 194090 *Rubus frondosus* Bigel. same place as 8991 *Pteridium aquilinum* (L.) Kuhn.92 *Galium saxatile* L.93 *Rubus glabra*94 *Baptisia tinctoria*95 *Asparagus officinalis*96 *Leucocarpus asteroides*97 *Pyrola*98 *Carex*99 *Polygala*July 7, 1940
same place as 97-9917100 *Alium* July 7, 1940
wooded swamp in flat land along creek1 *Oenothera*2 *Cornus amomum* Mill.3 *Sambucus canadensis* L.4 *Thalictrum*5 *Oenothera*6 *Ilex*7 *Lycopodium obscurum* L.8 *Rubus*9 *Panicum*10 *Rosa carolina* L.11 *Galium trifidum* L. *tinctorium* (L.) Hara

12

13 *Carex lurida* Wahlenb.14 *Carex intumescens* Rudge

- 17715 *Vitis lubrusca* L.
16 *Rhus vernix* L.
17 *Spiraea latifolia* Borkh.
18 *Pteridium aquilinum* (L.) Kuhn.
19 *Lepimachia*
20 *Galium*
21 *Carex*

Virginia nigricans L. *angustata* L.
et *angustata* L. *angustata* L.

22. *Scaphiophila aculeata* Marguerite
23. *Plantago rugelii*
24. *Ajuga reptans* ~~crispata~~

July 19, 1940

- 25 Rubus

Wet slope, dense thicket,
perennials erect, stems
arching, both about 1 m. tall.
Fruit black when ripe, sweet and
juicy.

76. *Rubus biflorus* Venz.

-same clump as no. 17081, roadside,
edge of marsh, foot of steep
weedy slope, canes low
arching, primocanes elongate
and at apex sometimes
reeping under dense
vegetation, ^{apex} clustered, fruit
large, juicy but not especially
sweet.

- 17127
- Rubus bifrons*

Cat. of H.B.
 2nd no. 6 516
 1905

I was off of a steep slope,
 among trees, densely over-
 grown with *Conocarpus papuensis*,
 canes low-arching, sometimes
 several meters long, primrose
 at apex creeping in ground
 under dense vegetation,
 apical portion simple
 and elongated, ~~fruit black~~
 in part of primrose
 noticeably pubescent.
 Younger branches
 pale red. - Note difference

a. Lever near intersection of Buck Hollow
Appalachian Co. 340m. July 28, 1948

1. edge of woods near stream

um Chapans et.

chia ~~còn~~ *fastigiosa* Raf. 1840.

iodine album 7.

antennaria T.

~~Chama~~ *Chama* *Chama* *Chama*

Lin. cathyrus L.

caene perforatum L.

Hamamelis

Colossium quinquefolia (L.) Benth.

anthracis incanum (L.) Bister

38. *Lycopodium obscurum* (L.) Beauv. det. Swallen

39. *Thapsia pratensis*

46. *Asplenium virginicum* L. det. R. S. Mathias

- 17015 *Vitis labrusca* L.
 16 *Rhus vernix* L.
 17 *Spiraea latifolia* Borkh.
 18 *Pteridium aquilinum* (L.) Kuhn.
 19 *Lysimachia*
 20 *Galium*
 21 *Carex*

Virginia Highlands - Virginia Va.
 steep slope

- 12 *Euphorbia corollata* var. *marginata*
 23 *Plantago rugelii*
 24 *Aporosa cannabifolia*

25 *Rubus*

steep slope, also
 perennating root, &
 arching, both above
 fruit black when
 juicy.

26 *Rubus bifrons* Vest.

same clump as no. 17081

edge of marsh, for
 weedy slope, cane
 arching, primrose
 and at apex horn

cane lying under common
 vegetation, etiolated, fruit
 large, juicy, but not especially
 sweet.

PLANTS OF MARYLAND

Pinner's Island, in the Potomac River, near Cabin John, Montgomery County

WILLIAM C. MAXON, collector

17127 *Rubus bifrons*

collected 5/10/34
 just over 5000
 1915

near top of steep slope,
 among trees, also very over-
 grown with various grasses,
 cane low arching, sometimes
 several meters long, primrose
 at apex creeping in ground
 under dense vegetation,
 apical portion elongate
 and etiolated, fruit black.
 The part of primrose
 noticeably pubescent,
 the upper leaves portions
 greenish red. Note difference
 between orientation of upper and lower
 leaves.

Thorton River near intersection of Buckholman
 trail Rappahannock Co. 340m. July 21, 1943

Thickets, edge of woods near stream

17128 *Verbascum thapsus* L.

29 *Paronychia can. fastigiata* Raf. 1840

30 *Chenopodium album* L.

31 *Silene antirrhina* L.

32 *P. Cassia* ~~var. *orientalis*~~ *var. *orientalis**

33 *Euphorbia lathyris* L.

34 *Hyssopus perforatum* L.

35 *Phlox paniculata*

36 *Parthenocissus quinquefolia* (L.) Planch.

37 *Pycnanthemum racanum* (L.) Michx.

38 *Aegopogon reptans* (L.) Beauv. det. Haller

39 *Trifolium pratense*

40 *Urtica virginiana* L. det. P. H. Martin

- 17015 *Vitis labrusca* L.
 16 *Rhus vernix* L.
 17 *Spiraea latifolia* Borkh.
 18 *Pteridium aquilinum* (L.) Kuhn.
 19 *Lysimachia*
 20 *Galium*
 21 *Carex*

Virginia Highlands, Arlington Co.
 steep open slope

- 22 *Euphorbia corollata* var. *marginata*
 23 *Plantago rugelii*
 24 *Epipactis atrorubens*

July 19, 1940

25 *Rubus*

Brushy slope, dense thicket,
 primocanes erect, floricanes
 arching, both about 2 m. tall,
 fruits black when ripe, sweet and
 juicy.

26 *Rubus* *lufuensis* Vest.

same clump as no. 17081, roadside,
 edge of marsh, foot of steep
 wooded slope, canes low
 arching, primocanes elongate
 and at apex sometimes
 creeping under dense
 vegetation, ^{apex} etiolated, fruit
 large, juicy but not especially
 sweet.

17127 *Rubus* *lufuensis*

collected 4/15/40
 sent Herb. Acad. Sci. 1940

near top of steep slope,
 among trees, densely over-
 grown with *Arisaema japonica*,
 canes low arching, sometimes
 several meters long, primocanes
 at apex creeping in ground
 under dense vegetation,
 apical portion elongate
 and etiolated, fruit black
 in part of primocane
 noticeably farinose,
 through exposed portions
 for which red. Note difference
 between ornament of upper and lower
 lobes.

Thornton River near intersection of Buckholter
 Trail, Rappahannock Co., 340 m. July 21, 1940

Thicket, edge of woods near stream

17128 *Verbascum thapsus* L.

- 29 *Paronychia can* *fastigata* (L.) Guss.
 30 *Chenopodium album* L.
 31 *Silene antirrhina* L.
 32 *R. Cassia* ~~sp. erecta~~ *holosericea*
 33 *Euphorbia lathyris* L.
 34 *Hypericum perforatum* L.
 35 *Phlox paniculata*
 36 *Parthenocissus quinquefolia* (L.) Planch.
 37 *Pycnanthemum incanum* (L.) Moench.
 38 *Agropyron repens* (L.) Beauv. det. Swallen
 39 *Trifolium pratense*
 40 *Asarum virginicum* L. det. G. Swallen

Headwaters of Thornton River Alt 525m July 28, 1940
Slope above road

17141. *Helianthus divaricatus* L.
Same locality, road cut 600m.

17142. *Oenothera biennis* L.

43. *Hedyotis corymbosa* L.

Thornton Gap Blue Ridge Mts. 700m. Ray Co.
Brushy slope July 28, 1940

17144. *Corylus rostrata* Michx.
45. *Rubus flagellaris* Willd. det Michx.
46. *Smilacina asperifolia* (L.) Nutt.
47. *Rubus prostratus* Willd. det Michx.
48. *Monarda fistulosa* L.
49. *Rubus glaucus* Michx.
50. *Polygonum crispum*

Same locality. Paved Surfaced Parking Lot.

17151. *Patula olivacea*
52. *Euphorbia maculata* L.
53. *Bulbostylis capillaris* (L.) C. B. Cl.
54. *Sida spinosa*
55. *Digitaria sanguinalis*
56. *Molugo verticillata*
57. *Eragrostis pectinacea* (Michx.) Nees
58. *Diodea teres*
59. *Stachys tenuifolia* canadensis L.

Locust Shelter Shenandoah Natl. Park

5 mi. E. of Fannin, S. Slope Blue Ridge Mts.

Grand Mountain Co. 700m. July 28, 1940

17160. *Poa annua* L.
61. *Oenothera biennis* L.

17162. *Sambucus canadensis*

63. *Oenothera biennis* L.

64. *Rubus typhina* L.

65. *Carex complanata* Michx. July 29, 1940

66. *Chrysanthemum leucanthemum* L.

67. *Achillea millefolium* L. alt. 500m

68. *Leonurus cardiaca* L.

69. *Achillea millefolium* L. alt. 500m

70. *Rumex crispus* L.

71. *Rumex crispus* L.

72. *Plantago lanceolata*

73. *Lactuca canadensis* L.

74. *Melilotus alba*

Wooded Rocky slope

17175. *Thalictrum flavum* L.

76. *Thalictrum flavum* L.

77. *Thalictrum patula* Michx. det Michx.

78. *Thalictrum patula* Michx. det Michx.

79. *Thalictrum patula* Michx.

80. *Thalictrum patula* Michx.

81. *Thalictrum patula* Michx.

82. *Thalictrum patula* Michx.

83. *Thalictrum patula* Michx.

84. *Thalictrum patula* Michx.

85. *Thalictrum patula* Michx.

86. *Thalictrum patula* Michx.

87. *Thalictrum patula* Michx.

88. *Rubus allegheniensis* Porter det Michx.

89. *Arabis canadensis* L.

90. *Lolium perenne* L. det Michx.

91. *Fraxinus americana* L.

92. *Liriodendron tulipifera* L.

0.7 mi. s. of Lewis Mountain Picnic
ground.

July 28, 1914

- Grassy road cut edge of woods
17193. ~~Polygonum~~ *Ligustrum album* L. det. Greene
94. *Gayia* ~~*capitata*~~ (Mill.) B. det. Muhl.
95. *Potentilla norvegica* L. var. *hirsuta*
96. *Ligustrum canadense* L. det. Muhl.
97. *Acer rubrum* L.

Lewis Mountain Picnic ground

- Grassy road cut, edge of woods. July 28, 1914
98. *Lepidium virginicum* L.
99. *Galinsoga ciliata*
100. *Monarda chloropacta* L.
01. *Polygonum persicaria* L.

s. slope of Bear Fence Mt. 9800-10000 m.
above Slaughter School Rd. Greene
brushy slope mostly *Quercus alba* folia

02. *Prenanthes trifoliolata* (Cass.) Torr. det. F. Blake
3. *Pinus rigida*
4. *Pteridium aquilinum*
5. *Kalmia latifolia*
6. *Amelanchier canadensis* (L.) Mill.
7. *Saxifraga albidum*
8. *Galium latifolium* Michx.
9. *Aster multiflorus* L. var. *canadensis* (Mill.) Torr.
10. *Ceanothus americanus* L.
11. *Spiraea longifolia*
12. *Campanula* ~~*trachelium*~~ *trachelium* (L.) Michx. det. Muhl.
13. *Castanea ciliata*
14. *Amelanchier laevis* (Wieg.) Mill.
15. *Hedysotis obtusifolia* (L.) Torr.
16. *Paullonia integrifolia* L.

17217. *Ilex montana*

18. *Robinia pseudoacacia*
19. *Sorbus acerifolia* (L.) B. & F.
20. *Quercus trifoliata*
21. *Angelica villosa* (L.) Mill.

Top of Bear Fence Mt. det. 10000 m.
det. Muhl. Greene July 28

22. *Quercus* ~~*macrocarpa*~~ *macrocarpa* (Mill.) B. & F.
23. *Rubus alleghaniensis* (L.) Mill.
24. *Prunus virginiana*
25. *Quercus alba* folia
26. *Pinus americana*
27. *Pinus melanocarpa* (Michx.)
28. *Castanea virginiana*
29. *Bitula lutea* L.
30. *Corylus fragilis* (L.) Pers.
31. *Alnus philadelphicum* L.

Spiller's Knob Overlook 9800 m.

32. *Castanea macrocarpa* (Mill.)
33. *Pinus virginiana*

Old Fairbault, det. F. from Fairbault
July 28, 1914

1031-1240 m. July 28, 1914

Rock

34. *Abies balsamea* (L.) Mill.
35. *Pinus rubens* Sarg.
36. *Abies* ~~*milleri*~~ *milleri* (L.) B. & F.
37. *Pinus canadensis* L. det. Greene

Virginia, Blue Ridge Mts. Aug. 5, 1940
 17279

17279. *Hedyotis corymbosa*
 40. *Carya cordiformis* (Wang) H. Koe
 41. *Galium lanceolatum* Torr.
 42. *Galium triflorum* (L.) Pursh
 43. *Hebeacium* ~~virginicum~~ *virginicum*
 44. *Urtica altissima*
 45. *Abies balsamea* var. *phoenicea*

Summit of Round Knob Mt. 2280 ft. 1000 ft. above
 rocky summit. Ridge. Aug. 5, 1940

46. *Abies balsamea* var. *phoenicea*
 47. *Pieris litoralis*
 48. *Pteris litoralis*
 49. *Hedyotis corymbosa*
 50. *Salix glauca* (Mill.) B.S.P.
 51. *Salix glauca* (Mill.) B.S.P.

Summit of Round Knob Mt. 2280 ft. 1000 ft. above
 rocky summit. Ridge. Aug. 5, 1940

52. *Salix glauca* (Mill.) B.S.P.
 53. *Salix glauca* (Mill.) B.S.P.
 54. *Hedyotis corymbosa*
 55. *Salix glauca* (Mill.) B.S.P.

Summit of Round Knob Mt. 2280 ft. 1000 ft. above
 rocky summit. Ridge. Aug. 5, 1940

56. *Cypripedium pubescens* L.
 57. *Fraxinus americana* (L.) Mill.
 58. *Urtica altissima*
 59. *Rubus odoratus* L.
 60. *Lonicera canadensis* L.

Virginia

Appalachian Trail, near Lake
 Spruce Knob, Aug. 5, 1940
 17280. *Urtica altissima*
 61. *Urtica altissima*

17281. *Urtica glauca*
 62. *Hypoxis perforatum* L.
 63. *Carya ovata* (Mill.) B.S.P.
 64. *Urtica glauca*
 65. *Urtica glauca*
 66. *Carya glabra* (Mill.) B.S.P.
 67. *Crataegus macrocarpa* (Mill.) B.S.P.
 68. *Urtica glauca*
 69. *Urtica glauca*
 70. *Urtica glauca*
 71. *Melanthium latifolium* Desr.

Virginia Highlands, Kings Co.
 weedy swamp Aug. 5, 1940

72. *Salix glauca*
 73. *Rhynchospora glomerata* var. *minor*
 74. *Xyris torta* (L.) B.S.P.

same loc Aug. 9, 1940
 pasture with scattered trees
 and bushes

75. *Phytolacca decandera* L.
 76. *Symphoricarpos orbiculatus* (Mill.) B.S.P.
 77. *Ceanothus pentagona* Engelm.

1/2 mi. S of Front Royal

Aug 24, 1940

on the edge of the woods

on a hillside

17277. *Triodia flava*

open place

17278. *Linum catharticum*17279. *Adinomeris alba* (L.) Raf.81. *Physalis subglabra* (Raf.) Small82. *Linum catharticum*83. *Linum catharticum*84. *Linum catharticum*85. *Linum catharticum*86. *Linum catharticum*87. *Linum catharticum*88. *Linum catharticum*89. *Linum catharticum*90. *Linum catharticum*91. *Linum catharticum*92. *Linum catharticum*93. *Linum catharticum*94. *Linum catharticum*95. *Linum catharticum*96. *Linum catharticum*97. *Linum catharticum*98. *Linum catharticum*99. *Linum catharticum*100. *Linum catharticum*101. *Linum catharticum*102. *Linum catharticum*

2 1/2 mi. S of Front Royal on the edge of the woods

Warren Co

4000 - 1500 ft

weedy opening in woods

small clump of 1 - 2 stems,

top 2 parallel

tall 4 m tall, fruit light blue

plant 1.5 to 1.8 m tall, large yellow

most leaves serrated

fls yellow with dark brown

center

low shrubby stems, fruit immature

small tree 1 m tall, shrubby

fruit turning orange

small tree, 5 m tall, shrubby

fls yellow

shrubby climber, on trees

stems

flowers white, bracts annular

edges of bracts fl. buds green

fls green, very many

stems capitate

fls yellow

top of stem swelling

fls deep crimson - purple

fls yellow, fruit white

fls white, stems capitate

fls yellow

fls yellow

fls yellow

fls yellow

17294 - *Euthamia occidentalis* L. Nutt.300 - *Euthamia saligna*
roadside01 - *Polygonum virginicum* L.02 - *Helianthus fulvus* Michx.
dark woods03 - *Carya glabra*
roadside04 - *Echinocloa crus-galli*
roadside05 - *Polygonum aviculare*
roadside

Pickett Hill, Pickett grounds

3 1/2 mi. S. of Front Royal, Va. 1900 ft.

06 - *Helianthus divaricatus* L.

open woods

07 - *Carya americana*

open grassy plain among trees

08 - *Pinus strobus* L.

open grassy plain

09 - *Juniperus nigra* L.10 - *Polygonum persicivernum* L.

roadside

11 - *Ambrosia trifida*

roadside

Near Squire's Knob, Va. Look.

4 mi. S. of Front Royal, Va. 1900 ft.

edge of woods

12 - *Aster spicatus* Nutt.13 - *Parthenocissus vitacea* L.14 - *Parthenocissus incana*plant with milky sap, erect fls. purplish blue
fls. yellowplant erect
tree 8 m. tall.

tree 10 m. tall, bark moderately rough.

prostrate

plant prostrate,

herb 2 m. tall with strong resinous odor, fls. yellow
leaves gray-glaucous beneath
fls. lavender blue

tree 4 m. tall

tree 5 m. tall, fruit fully developed but immature
erect plant 1 m. tall, fls. pink

herb 2 m. tall

Rough bark

strong purple bark, tall, bark deeply furrowed, fls. white
large, strongly and pleasantly aromatic, fls. white

- 10-333. *Water lilies*
 Made small stemlet
 34. *Polypodium virginicum*
 edge of small stemlet
 35. *Urtica scabrata* Linn.
 edge of small stemlet
 36. *Urtica dioica* Linn.

Robert Porter.

Page 69 1000 ft

Log of the rocky bluff

Aug. 27, 1942

37. *Abies balsamea* (Mill.) (B.S.P.)
 38. *Urtica dioica* Linn. (B.S.P.)
 39. *Urtica dioica* Linn. (B.S.P.)
 40. *Urtica dioica* Linn. (B.S.P.)
 41. *Urtica dioica* Linn. (B.S.P.)
 42. *Urtica dioica* Linn. (B.S.P.)
 43. *Urtica dioica* Linn. (B.S.P.)
 44. *Urtica dioica* Linn. (B.S.P.)
 45. *Urtica dioica* Linn. (B.S.P.)
 46. *Urtica dioica* Linn. (B.S.P.)
 47. *Urtica dioica* Linn. (B.S.P.)
 48. *Urtica dioica* Linn. (B.S.P.)
 49. *Urtica dioica* Linn. (B.S.P.)
 50. *Urtica dioica* Linn. (B.S.P.)

Hunt Hill Gap,

Madison Co. 1100 ft. 3360 ft

42. *Abies balsamea* (Mill.) (B.S.P.)
 43. *Urtica dioica* Linn. (B.S.P.)
 44. *Urtica dioica* Linn. (B.S.P.)
 45. *Urtica dioica* Linn. (B.S.P.)
 46. *Urtica dioica* Linn. (B.S.P.)
 47. *Urtica dioica* Linn. (B.S.P.)
 48. *Urtica dioica* Linn. (B.S.P.)
 49. *Urtica dioica* Linn. (B.S.P.)
 50. *Urtica dioica* Linn. (B.S.P.)

Big Meadows and Pond,

Madison Co. 1100 ft. 3360 ft

46. *Urtica dioica* Linn. (B.S.P.)
 47. *Urtica dioica* Linn. (B.S.P.)
 48. *Urtica dioica* Linn. (B.S.P.)
 49. *Urtica dioica* Linn. (B.S.P.)
 50. *Urtica dioica* Linn. (B.S.P.)

Aug. 27, 1942

fls. white

in small clumps of 2-3

plants erect up to 1 ft. fls. pinkish
 red, yellowish

tree 4-5 ft. tall, 2-3 in. diam. at base, bark
 on lower branches and at ground smooth like
 some other species
 very branching, fls. pink, yellowish
 and

shrub 2-3 ft. tall, fls. white

small tree 2-3 ft. tall, others nearly 1 m.
 leaves erect bracts and bristles spreading
 not strongly reflexed
 forming dense cushions in rock crevices
 and depressions

fls. cream white

17345. *Lolidago erecta* Pursh. (Kunz) det. S. F. H.
 116. *Vaccinium pallidum*

117. *Antennaria dioica* det. H. B.

118. *Aster pilosus* Willd. det. S. F. H.

119. *Lolidago arguta* Nutt. det. S. F. H.

120. *Lolidago bicolor*

121. *Leucocarpus asteroides*

Handy Bottom Overlook 2 mi. S. W. of
 Deep Run Gap, Rockingham Co. Va. 1750-1760 ft.
 Roadside Aug 22, 1940

122. *Aster dumosus* det. S. F. H.
 123. *Tragopogon capillaris* det. S. F. H.
 124. *Carex stricta* pilosa det. S. F. H.
 125. *Oenothera biennis*
 common

126. *Lolidago erecta* Pursh det. S. F. H.

steep wooded slope

127. *Tilia negunda*

128. *Fraxinus americana*

129. *Viburnum acerifolium*
 130. *Rubus cuneifolius* rugosus, small

- fls. yellow
 thick clumps, 3-4 dm. tall, stems
 green, leaves glaucous beneath,
 turning blue, sea color
 — sweet and with poor flavor.
 — not in small clumps pedicels
 — distinct flowers blue-lavender,
 rays white, disk yellow, turning
 brown.
 Plant erect, branched at top, stems
 — brownish purple fls. yellow
 — not flowers white
 — stems already turned brown

- Rays white, disk yellow, turning brown,
 — distinct flowers
 — Rays white, disk white, turning brown
 — Plant erect, larger, 1-1 1/2 m.
 — tall, branched at base, fls. yellow
 — plant erect, much branched above,
 flowers yellow.

- Tree 8 m. tall, leaves glaucous
 beneath, leaves small
 — sweet branches much larger
 — distinct flowers
 — Tree 6 m. tall, leaves somewhat
 — glaucous beneath
 — thick 1 m. tall, panicle at top, turning brown
 — fls. white

Virginia, Blue Ridge mts. Shenandoah

Aug 24, 1912

Ladder at entrance, across

the road, in a rocky place, green

W. side of road, in a rocky

place, in a rocky place, in a

rocky place, in a rocky place

17361 *Asplenium adnigrum* L. det. M. K.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L. det. M. K.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L. det. M. K.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L. det. M. K.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L. det. M. K.- *Asplenium adnigrum* L.- *Asplenium adnigrum* L. det. M. K.- *Asplenium adnigrum* L. det. M. K.- *Asplenium adnigrum* L. det. M. K.

det. M. K.

- *Asplenium adnigrum* L.

August 1911

Barren, 113. 5. 100 ft. above

head of the stream. 100 ft. above

head of the stream. 100 ft. above

1257. *Helianthus* *obtusifolius*

1258. *Helianthus* *obtusifolius*

Ridge from 113. 5. 100 ft. above

head of the stream. 100 ft. above

1259. *Helianthus* *obtusifolius*

1260. *Helianthus* *obtusifolius*

1261. *Helianthus* *obtusifolius*

1262. *Helianthus* *obtusifolius*

Grassland ridge, 100 ft. above

head of the stream. 100 ft. above

1263. *Helianthus* *obtusifolius*

1264. *Helianthus* *obtusifolius*

1265. *Helianthus* *obtusifolius*

1266. *Helianthus* *obtusifolius*

1267. *Helianthus* *obtusifolius*

1268. *Helianthus* *obtusifolius*

1269. *Helianthus* *obtusifolius*

1270. *Helianthus* *obtusifolius*

1271. *Helianthus* *obtusifolius*

1272. *Helianthus* *obtusifolius*

1273. *Helianthus* *obtusifolius*

1274. *Helianthus* *obtusifolius*

1275. *Helianthus* *obtusifolius*

1276. *Helianthus* *obtusifolius*

1277. *Helianthus* *obtusifolius*

1278. *Helianthus* *obtusifolius*

1279. *Helianthus* *obtusifolius*

1280. *Helianthus* *obtusifolius*

2. 100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

Ridgeway

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

100 ft. above head of stream

Wooded ridge, elongated
17900. *Canola argentea*.

21. *Vicia frunstrata* J. - Don det. C. L. ...
 22. *Trifolium repens* L. det. C. L. ...
 23. *Vicia cracca* L. det. C. L. ...

Summit of Black Rock 15000

Great quartzite boulders

29. *Vaccinium angustifolium* Nutt. on Mt. Cay
between boulders

- ♂ *Asplenium montanum* Willd.
in crevices on south side of boulders

- 16.
- Persea stipitata*
-

27. *Macgillivrayia capillaris* (H.) Steen. 40. *Macgillivrayia*

Saddle ridge Mt. Black Rock and
Troyport Mt. Birmingham 9200.
Wooded ridge Aug. 23, 1940

9. *Actingulus cavaleriae*
 9. *Actel divaricatus* L. det. J. F. B.
 10. *Paranthesis altissima* det. J. F. B.

2. ridge of Transport Mt. toward
Black Rock, Northampton Co. 10-11-1940
Wooded ridge. Aug. 1, 1940

11. *Viola angustifolia* L.
12. *Viola septentrionalis* Greene 10. 11. 12.

- 7th - *Laccophilus*. Common, & water
plant. Every stream & river bank.
7th - *Corbicula*.
8th - *Unio*.
7th - *Strophodontes*, common, small, some
large, but not about the ground.

- when full, stems erect
from very few white flowers
and buds, leaves green, smooth

scarcely starting with it
at a lower level. The picture
developed? some other if
it was growing.

From 5th to 6th Sep

rust
rays, white
wood - prominent, lvs. whitish
undersides pale green.

1000 in. *fruits orange colored*
1000 in.

17413. *Facina latifolia*
 14. *Physalis canadensis*
 15. *Monarda* on *Coccyzus* May
 16. *Helianthus strumosus* L. at 100
 17. *Viburnum affinis* Michx. *hypnoides*
 18. *P. copallina* L.
 19. *Polygala serotina* L.
 edge of
 slope of *Laurel* + Mt. *Engelmann*
 Rockingham Co. 1000 ft.
 steep shaly talus slope,
 partly wooded, partly *Pinus*,
 partly with patches of bare loose
 slide rocks
 20. *Samolus rotundifolius* (Michx.) *Engelmann*
 21. *Lycopodium* *complanatum* L.
 on old trail, *Pinus*
 22. *Aster macrophyllus*
 on old trail, *Pinus*
 23. *Eupatorium sessilifolium* L. at 100
 on old trail, *Pinus*
 24. *Eupatorium rugosum* Walt.
 old trail in woods, *Pinus*
 25. *Dracaena* *racemosa* L.
 bushy place
 26. *Verbena obtusifolia* Nutt. *Michx.*
 edge of bushy place

Black Rock, Jefferson Co. N.C.

17427 *Amaranthus hybridus* L.• 78. *Eragrostis ciliaris* (L.) Beauv.• 79. *Plantago aristata*• 80. *Thlaspi arvense* L.

Washington, D.C.

Aug. 10, 1940

71 *Amaranthus tricolor* L.

Virginia High Woods, Arlington Co.

Pasture with scattered deciduous trees

Aug. 30, 1940

37 *Populus euphratica*33 *Gallia occidentalis*

Sept. 15, 1940

34 *Paspalum laeve* Michx.35 *Apocynum cannabinum* L.var. *pubescens*36 *Lepidoloma curvata*37 *Cassia*38 *Phaseolus*

leaves & other plants up to 1.5 m. to 2 m.

leaves & other plants up to 1.5 m. to 2 m.

as the tree as 16731, lobed leaves on fast-growing branches, fruits on small branches on older growth, fruit unripe and extremely sour and bitter.

as the tree as 16730. fruit mostly not quite ripe, the few ripe ones deep orange color.

erect, prostrate at base of center, then ascending, leaves linear-lanceolate, fruit erect, leaves ascending, fruits drooping, strict, erect, fls. violet fls. yellow leaves sensitive plant, prostrate with ascending peduncles, fls. bright rose, long, salmon, keel twisted, dark purple.

7477 *Polygala curtisii* Gray

40 *Verbena strictifolia*

bottom of a stream canyon

41 *Panicum dichotomiflorum* Michx.

42 *Aristida longispiculis*?

43 *Lythrum roseum* Engelm.

44 *Lythrum roseum* Engelm.

45 *Hypochaeris glabra* (L.) Link.
near to the bottom of the canyon

Nottingham, Chester Co. Pa. Sept. 10, 1900

Open ground, scrubby, common
~~the~~ showing a dense
of fine white flowers.

46 *Andropogon*

47 *Panicum*

48

Abundant

49 *Eupatorium*

in low brushy thickets, local, abundant

50 *Aster*

in low brushy thickets, not abundant

51 *Aster*

Abundant

52 *Lolida*

abundant

53 *Crataegus*

scattered, not abundant

flowers magenta, the large
white, with yellowish
the white, yellowish

flowers yellow, the large
white, with yellowish
the white, yellowish

flowers yellow, the large
white, with yellowish
the white, yellowish

flowers yellow, the large
white, with yellowish
the white, yellowish

~~Woods bottom~~

Lycopersicon hirsutum

Covering 1/2 way, East B. Rd.

Sept 22, 1940

Woods bottom sandy, very

weedy in opening

17454 bindweed (Convolvulus)

55 Eucryphia americana L.

56 Platanus caroliniana L.
wood place57 Agrimonia
open place

58 Lobelia siphilitica L. det. H. Dr. Hager

59 Premna
woods60 Lonicera
woods61 Aster
opening62 Eupatorium
opening~~Galium~~

Galium

edge of opening

64 Digitalis

weedy opening

17455 1 m. tall, fruit not
 in stage of maturity when
 found. Leaves brittle.
 Branch 1.5 m. tall, very
 shaggy, stems green,
 joints corky, nodes
 reddish.

Plant most like blue-wood
 with pale stems & leaves
 - stems, most of the leaves
 pale, white, minute glandular

leaves white, dark pale
 yellow, turning dark reddish.
 Plants 1-1.2 m. tall, fls. white, as
 whole plant with a slight
 grayish cast.
 Petals 5 m. tall

17465 *Linum*66 *Polypodium*67 *Polygonum*68 *Trichostema*69 *Cuphea*

Sleepy Hollow

Fairfax Co.

70 *Castanea pumila*~~deciduous~~ mixed woods

Potomac River below mouth of

Hunting Creek,

open marsh with sedges,

Typha etc.71 *Baccharis cylindrica*72 *Polygonum latifolium*73 *Mibelia*74 *Cuscuta*75 *Cephalanthus occidentalis* L.76 *Rosa palustris*77 *Mibelia scandens*78 *Dryopteris thelypteris*17466 *Linum*

vine, twining over weeds,

fls. blue-lavender,

fls. red-purple

shrub 1-2 m tall

erect

sprawling plant

plant *var. arvensis*, fls. pale lavender

orange vine, twining over, and

parasitic on ~~weeds~~ and

other plants. Shrub

erect, stem thick, fruit

erect, inflorescence

shrub 2-3 m tall, some

branches with terminal whorls

with opposite leaves

shrub 2 m. tall, fruit red

vine extensively twining

over bushes, fls. purplish

white

fronds erect, dimorphic, somewhat

supported by other vegetation

as on the grassy ground edge
of woods

17979 *Polygonum dissectum*

Urtica dioica - flowers &
leaves only, at edge of woods
open ~~on the edge of~~ woods.

80

81 *Claytonia virginica*

82 *Antennaria*

83 *Pilea*

ground with ~~small~~ ^{small} ~~leaves~~

84 *Hepatica*

ground with ~~small~~ ^{small} ~~leaves~~

85 *Phyllanthus*

ground with ~~small~~ ^{small} ~~leaves~~

86 *Monotropa uniflora* var. *lutea*

87 *Solidago canadensis*

88 *Heuchera*

89

along rivulet

90

along rivulet

91 *Amelanchier canadensis*

92 *Galium aparine*

93 *Eupatorium*

94 *Polygonum*

95 *Sparganium angustifolium*

moist flat bed of woods

96 *Athyrium filix-femina*

along rivulet

as on the edge of
leaf cutting

leaves on wood

leaves flat on ground

leaves on wood, leaves
glossy

leaf plant

leaves on wood

plants very small
very slightly greenish
fls yellow

leaves arching

small clumps

plant arching, fruit crimson

plant ascending

fls whitish

plant arching, fruit blue-black

leaf, fls white

erect

97 *Polygonum*
~~radicatum~~

as a shrub

98 *Asarum virginicum*

to me as a large shrub, 2-3 m. tall

in woods, 1-2 m. tall

99 *Asarum* - light gray granular

100 *Asarum* - light gray granular

101 *Asarum* - light gray granular

102 *Asarum* - light gray granular

103 *Asarum* - light gray granular

104 *Asarum* - light gray granular

105

106 *Asarum* - light gray granular

107 *Asarum* - light gray granular

108 *Asarum* - light gray granular

109 *Asarum* - light gray granular

110 *Asarum* - light gray granular

111 *Asarum* - light gray granular

112 *Asarum* - light gray granular

113 *Asarum* - light gray granular

114 *Asarum* - light gray granular

115 *Asarum* - light gray granular

116 *Asarum* - light gray granular

117 *Asarum* - light gray granular

118 *Asarum* - light gray granular

119 *Asarum* - light gray granular

120 *Asarum* - light gray granular

121 *Asarum* - light gray granular

122 *Asarum* - light gray granular

123 *Asarum* - light gray granular

fls white

leaves ovate

erect

tree 1 m tall

leaves 1-2 m tall, erect

erect, leaves ovate

erect, leaves ovate

erect, leaves ovate

erect, leaves ovate

erect, leaves ovate

erect, leaves ovate

erect

erect, several stems from a caudex

a number of long stiff stems spreading from a woody caudex

leaves ovate, erect

fls yellow

fls yellow

rays lavender, disk yellow

sub adding

fls yellow

fls yellow

1754 1800 and 2000 ft.
 abundant along road
 17 1800 ft. along road
 2000 ft. road

18

1754 1800 ft. along road
 2000 ft. road

near Waverly 6 mi. S of Sta. City,
 Loudoun Co. Sept. 19, 1900 a.m.

penetral marsh

21 *Junonia ~~sp.~~* negro
 edge of marsh

22 *Paspalum*

bank beside road

23 *Baccharis*

edge of drying swale

24 *Impatiens*

bank beside road

25 *Alnus alba*

wooded edge of marsh

26 *Thymus*

wooded edge of marsh

27 *Epipactis atrorubens* var. *atrorubens*

28 *Cypripedium*

abundant beside road

penetral marsh
 abundant beside road

large tree, 20 m. tall, with spreading
 branches ~~penetral~~ about 10 m. tall

shrub 2.5 m. tall

road

tree 15 m. tall, 20 m. tall

shrub 1.5 m. tall

flowers in 100 ft. range very
 white, slightly yellowish
 anthers, color not especially
 strong, becoming more so white
 after collecting edge of life
 typical in wood roads, forests
 spreading by underground
 rhizomes

179-84

wooded edge of marsh
 10. *Veronica*
 21. *Veronica* near a pond

11. *Veronica*
 22. *Veronica* near a pond
 wooded edge of marsh

23. *Veronica*
 24. *Veronica*
 25. *Veronica* near a pond

26. *Veronica*

27. *Veronica*

28. *Veronica* *alata* Ait.

29. *Veronica*

30. *Veronica*

31. *Veronica*

32.

33. *Veronica* near a pond

34.

35. *Veronica*

36. *Veronica*

37. *Veronica*

38. *Veronica*

39. *Veronica*

40. *Veronica*

41. *Veronica*

42. *Veronica*

43. *Veronica*

44. *Veronica*

slender shrubs on tall

yellow near the water

erect, leaves white
 tall 10 in tall mostly prostrate
 leaves, leaves
 rays, leaves yellow that are yellow
 leaves 1-2 in tall

leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall

leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall, leaves yellow

leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall, leaves yellow

leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall, leaves yellow

leaves 1-2 in tall, leaves yellow
 leaves 1-2 in tall, leaves yellow

112 m. n. of Luray, Va.
 mixed woods, upper slope

17547 *Habenaria*

deep slope

48 *Sparganium angustifolium*

along a deep slope under trees

49 *Sparganium*

at base of a hill near
 a road

50 *Scrophularia racemosa*

in mixed woods, on level ground

51 *Phlox*

in mixed woods

52 *Thalictrum flavum*

in mixed woods, on level ground

53 *Thalictrum flavum*

in mixed woods

54 *Butorina virginica* (L.) B.P.

in mixed woods

Calceolaria sp.

in mixed woods

56 *Butorina*

in mixed woods

57 *Calceolaria*

in mixed woods, foot of steep slope

58 *Butorina*

in mixed woods

59 *Aster*

in mixed woods, on level ground

60 *Scrophularia racemosa*

in mixed woods

61 *Loelia sp.*

in mixed woods

in mixed woods, on level ground

in mixed woods

in mixed woods, on level ground

plant coral red, but tips of
 bracts and corolla lobes yellow
 flowers odorless

perianth, berries, seeds
 roots yellow

stiffly erect, stems purplish

flowers white

erect, leaves glaucous beneath

erect shrub 1 m. tall

berries blue

leaves bright green, base of leaves
 reddish

fls. deep violet, tube with
 pale stripes below

17562 *Acalypha*

at ground

63 *Peperomia*

at edge of stream

64 *Impatiens*

at edge of stream

65 *Salvia latifolia*

at edge of stream

66 *Impatiens*

at edge of stream

67 *Impatiens*

at edge of stream

68 *Impatiens*

at edge of stream

~~69 *Impatiens*~~

110 *Impatiens* at edge of stream
mixed woods, to edge of stream
beach

69 *Impatiens*

at edge of stream

70 *Cyperus*

at edge of stream

71 *Cyperus*

at edge of stream

72 *Impatiens*

at edge of stream

73 *Impatiens*

at edge of stream

74 *Impatiens*

at edge of stream

bracts with 7-8 teeth, plant

rather reddish

fls. whitish, pedicels

much larger plant nearby

about 10 m. tall

about 3 m. tall

bracts with ~~7-8~~ teeth

growing from rocky ground

flowers greenish white

bracts purplish, outer yellow

with narrow lobes

17575 *Monotropa* spp.76 *Hydrocotyle*

moist slope - open woods

77 *Polystichum acrostichoides*

along small streamlet in woods

78 *Polystichum acrostichoides*

along small streamlet, with 9, 10, 11

79 *Pilea*

in moist of streamlet

80 *Peperomia*

in moist stream, also in open

in moist of small stream

81 *Calliandra* spp.

open woods

82 *Lycopodium*

open woods

83 *Calliandra* spp.

open woods, in open

84 *Peperomia*

open woods

85 *Peperomia*86 *Polystichum*

open woods

87

sides of streamlet

88 *Lobelia* spp.9 *Peperomia*

open woods

90 *Monotropa* spp.

open woods

91 *Epipogon*

under large trees

plant slightly more erect, leaves
 thick, and smooth, in open
 places, flowers white, leaves
 narrow, gray-green, with
 white veins, rhizome erect
 and branching, fruit much perianth
 normal form

frankia tree

plant translucent, leaves thick
 stem fleshy

one-flowered plant seen fl. pink, small
 plant purplish toward base

stem fleshy
 small plants, fruit light
 purple

plant pale green

plant solitary, enlarged at base
 rhizome yellowish
 small tufts, leaves green

rhizome, dentate

aromatic

stem slightly glaucous, fls. yellow
 leaf purple, pseudobulb trans-
 lucent white

plant white, flowers
 almost odorless

plant almost purple

Virginia Dept. Land & Surveying Co.
Oct. 4, 1914

Common in the woods of the mountains

17542 Crataegus

~~very~~ trees - mainly white Crataegus
and apple (both wild and cultivated),
some in the woods at

93 Oenothera biennis

sp. - pasture

Common in the woods of the mountains

~~scattered clumps~~ Oct. 4, 1914

94 Calceol

scattered clumps along small
streamlet in swampy woodland
of mixed deciduous trees with
a few scrubby trees in places

8 mi. W. of Falmouth, along the river

Petty road & Oct. 4, 1914

land of ground recently very badly
flooded (water up edge of sandy bank)
nearby (near bridge)

95 Dracopis sp. L.

uncommon

96 Cyperus strigosus L.

uncommon

97 Acer negundo L.

river bank

98 Oxalis europaea Ford

young plants in loose soil, sand
old ones in partly rotted embankment
prostrate stems buried

same plant as 17542

tree 4 m. tall, fruit red

plants erect, fls. pale to
yellow,

from same clump 17546

clump of shrub about 2 m. tall

large part of plant buried by
flood sand. fls. pale lavender

tree 6 m. tall, leaves mostly
fallen, but fruit persistent
and very abundant in pendent
racemes

fls. yellow, most plants
bearing fleshy white branched
underground branches

17599 *Ipsomola lacunosa* L.

fresh sand

17600 *Xanthium pungens* Wallr. det. S.F.H.
fresh sand

Oct. 8, 1940

01 *Ruellia carolinensis* (Walt.) Steud. det. M.H.

edge of pine woods

02 *Erianthus alopecuroides* (L.) Ell. det. F.H.

old field, cleared in pine woods

03 *Asplenium platyneuron* (L.) Oakes
old field, cleared in pine woods04 *Prenanthes serpentina* Pursh
thin pine woods (from with undivided leaves det. S.F.H.)05 *Parthenocissus quinquefolia*
bare eroded spot in thin pine woods06 *Cornus florida*
mixed woods in ravine07 *Lonicera rotundifolia* L. det. F.H.
mixed woods in ravine~~08 Fagus~~08 *Fagus grandifolia*
mixed woods in ravine, rare09 *Euonymus americana*
mixed woods, moist bottom
of ravine.10 *Cornus florida*
pine woods11 *Eupatorium rugosum* Houtt. det. S.F.H.
bottom of ravine, mixed woods12 *Viola fimbriatula* J.E. Sm. det. C.H.
old field, cleared in pine woods13 *Trichostema dichotomum* L.
same14 *Eupatorium*
sameolder plant,
prostrate, fls. white, stigmas
capitate
herbage aromatic (but not
quite mature, but buds formed.

small clump, culms 2 m. tall

fertile fronds erect, sterile spreading

erect fls. whitish, heads pendent

vine creeping on ground
berries blue, panicle red.

tree 2 m. tall, berries scarlet

green vine almost bare of
leaves, climbing over shrubs
berries blue.

tree 10 m. tall, bark gray

shrub 2 m. tall, fruit rose-
purple, seed vermilion.
stem of plant dark green
tree 4 m. tall, berries scarlet

fls. whitish, plant 1 m. tall

densely caespitose, some leaves
already dead.~~and~~ strongly aromatic
when bruised

plant ascending, weak, fls. whitish

17615 *Lolidago nemoralis* Ait. ^{det. 570.}
old field cleared in pine woods

16 *Lolidago rigida*
same

17 *Chrysopsis mariana*
rare, rather common

18 *Leschea racemulosa* Michx. ^{det. May}
same, rare

19 *Cassia nictitans* L.
same

20 *Galium pilosum* var. *puncticulatum*
same

21 *Eupatorium hyssopifolium* L. ^{det. 570.}
same common

22 *Aster pilosus* var. *demotus* Blake ^{det. 570.}
same abundant

23 *Lespedeza repens* (L.) Barts. ^{det. 790.}
same

24 *Lespedeza cuneata*
same

25 *Gnaphalium obtusifolium* L.
same common

26 *Chrysanthemum leucanthemum*
same

27 *Lycopodium carolinianum* ~~standifolium~~
same

28 *Lolidago puberula*
pine woods

29 *Eupatorium aromaticum* L. ^{det. 570.}
rare in pine woods

clumps of v-c main stems
from one dense axilla, fls. yellow
- some clumps only in bud.
fls. yellow

fls. yellow, most plants
attached by a gall forming
organism causing deformity
of base of inflorescence

erect fls. yellow

ascenders or ascending

most plants already
dried up. flowers white
rays white disk reddish

leaves not very deep and strong,
stems prostrate, radiating
from st. inflorescence erect,
fls. pinkish, pale
not widely used

plants with somewhat
peppery odor.

~~flowers~~ rays white, disk
greenish yellow

shrubs 5 m. tall, erect but
arched top, berries crimson.
fls. yellow

fls. whitish

1762 *Cunila origanoides* (L.) Britt.
pine woods

31 *Lolidago bicolor*
pine woods

Hyes Creek,

n. of Prospect Hill

Crawell Co. Oct. 9, 1902

32 *Alnus rugosa* (DuRoi) Spreng. ^{det. S.F.B. & serculata Willd.}
near stream, bottom land

33 *Polystichum acrostichoides*
same under trees

34 *Pinus virginiana* Mill.
thin pine woods

35 *Alnus serculata* Willd.
near stream, bottom land

36 *Pinus virginiana* Mill.
thin pine woods

37 *Aster dumosus* L. ^{det. S.F.B.}
barren soil in
gully in pine woods

38 *Lespedeza*
gully in pine woods

39 ~~*Epilobium*~~ *tenuissimum*
Verbascum occidentale ^{det. S.F.B.}

40 *Fagus grandifolia*
bottom land near stream, common

41 *Aster cordifolius* L. ^{det. S.F.B.}
pine woods

42 *Anemone virginiana* L. ^{det. S.F.B.}
gully in pine woods

43 *Lolidago nemoralis* Ait. ^{det. S.F.B.}
thin pine woods

44 *Bidens bipinnata* L. ^{det. S.F.B.}
gully in pine woods

prostrate stems common

plant aromatic when broken
fls purplish
fls white

shrub 2 m. tall

small tree 5 m. tall

shrub 1 m. tall

small tree 6 m. tall

rays white, disk reddish
sweet

herb 2 m. tall

fls yellow

large tree, bark gray, smooth

rays white, disk reddish

fls yellow, plant purplish

- 17645 *Bidens frondosa* L. det. 5712
gully in thin pine woods
- 46 *Eupatorium hyssopifolium* L. det. 5710
thin pine woods
- 47 *Panicum columbianum* Scribn. det. 5711
gully in pine woods
- 48 *Hypericum labialis angulans* (L.) Panch. det. MeV.
same det. MeV.
- 49 *Gerardia tenuifolia* Vahl. det. MeV.
same
- 50 *Euphorbia*
same
- 51 *Lespedeza*
same
- 52 *Hieracium gronovii* L. det. 5710
same

Duke University Forest,

Durham,

Durham Co. Oct. 9, 1940

mixed woods, along small brook

- 53
- Hedyotis purpurea*

rocky place

- 54
- Asarum virginicum*
- L.

mossy bank

- 55
- Asplenium platyneuron*

rocky place

- 56
- Lespedeza intermedia*
- (Wats.) Britt.

sloping shaded bank

- 57
- Euonymus americanus*
- L.

wet ground, edge of stream

- 58
- Mimulus alatus*

wet ground along stream

- 59
- Bidens frondosa*

wet ground along stream

erect herb

decumbent

fls. yellow

fls. magenta

fls. yellow

erect herb, somewhat caespitose

leaves variegated above,
pale below

erect

green, stemless
shrub, 1 m. tall, fruit
rose colored, seeds reddish.

17660 *Pilea pumila*

wet ground, in edge of stream

61 *Lamotus parviflorus* Raf. det.
M. V.

wet ground, edge of stream

62 *Lobelia inflata*

shaded ground near stream

63 *Desmodium paniculatum* (L.) DC.

shaded ground near stream

64 *Aster lateriflorus*

shaded ground near stream

65 *Helaginella aspidia*

mossy stream bank

66 *Lobelia*

wet ground along stream

67 *Desmodium dilleri* var. det.
79 H.

wet ground along stream

✓ 3 mi. s. Chapel Hill) Chapel Hill

Nursery, ~~Orange~~ Co. Oct 9, 1940

• Cultivated field

68 *Oenothera fruticosa* L.

weed in rows of nursery stock

69 *Lymphocarpus albus* var. *laevigatus* (Horn) DC. det. 57A

cultivated

70 *Vitex agnus-castus*

cultivated

71 *Acalypha virginica* L. det.
M. V.

weed in rows of nursery stock

72 *Oxidia virginiana*

weed

73 *Hypericum drummondii* (Gray) Hook. det.
M. V.

weed

74 *Trichostema dichotoma* L. det.
M. V.

weed in rows of nursery stock

stems fleshy, translucent

det.
79 H.

erect

plant arching, rays white,
disk yellow, turning reddish.
prostrate, dark greenerect herb with milky
sap

plant nearly erect

erect.

erect shrub, 0.5 - 1 m. tall,

fruit white.

shrub, 1 m. tall fls. pinkish
white.erect, branched herb, 1 m. tall,
suffrutescent near base.

prostrate fruit still green.

but with white stripes.

erect, fruit red.

very aromatic when bruised.

17475 *Diodia teres* Walt.
weed

76 *Euphorbia*
weed

77 *Leptodeya bicolor* Turcz.
cultivated

det.
F.J.H.

78 *Callicarpa americana*
cultivated

79 *Acalypha virginica* L.
weed

det.
McV.

80 *Callicarpa americana*
cultivated

81 *Paspalum circularis* Nash
weed

det.
F.J.H.

82 *Cyperus albomarginatus* Mart. & Schrad.
weed in place that had been wet

83 *Fimbristylis baldwiniana* (Schultes) Torr.
weed in place that had been wet

84 *Hypericum gentianoides*
weed

85 *Spiraea tomentosa*
cultivated

86 *Lobelia puberula*
weed in drainage ditch

87 *Spiranthes*
single plant found in drainage ditch

Chapel Hill Nursery, 3 mi. s. Chapel Hill
Orange Co. Oct. 10, 1940

88 *Eupatorium serotinum* Michx.
thin weedy woods

det.
F.J.H.

89 *Helianthus decapetalus* L.
edge of thin weedy woods

det.
F.J.H.

90 *Gnaphalium obtusifolium* L.
edge of thin weedy woods

Stems and fruit reddish

very prostrate, reddish

shrub, suffrutescent herb,
2 m. tall

suffrutescent herb 1 m. tall,
fruit gray but purple
glaucescent

suffrutescent herb 1 m. tall,
fruit white.
prostrate, spreading

det. F.J.H.

det. F.J.H. (but notes that this prob.
is same as *F. dichotoma* (L.) Vahl)

fruit red

shrub 1 m. tall

erect herb, flowers purple.

fls. waxy white, odorless

plant slightly glaucous
gray, fls. grayish white.
past flowering

slight peppery odor when crushed

- 17691 *Galium triflorum* Michx.
~~stems weakly~~ thin weedy woods
- 92 *Helioscopia scabra* Pers. det. F.H.
 thin weedy woods
- 93 *Lycopus virginicus* L. det. OMF
 ascending flat weedy ground
- 94 *Solidago altissima* L. det. F.H.
 weedy flat ground near stream
- 95 *Chrysopsis mariana* (L.) Nutt.
 thin mixed woods
- 96 *Elephantopus carolinianus*
~~thin~~ thin mixed woods
- 97 *Azaron ~~neg~~ aifolium* Michx.
 north slope in pine woods
- 98 *Ilex ambigua* (Michx.) Chapm. det. F.H.
 flat bottom land along creek
- 99 *Cyperus stugonus* L. det. F.H.
 flat, bottom land along creek
- 17700 *Perilla frutescens* (L.) Britt. det. OMF
 flat weedy bottom land along creek

Chapel Hill, Orange Co.
 Cultivated

- 01 *Cephalotaxus drupacea* L. & Z.
 02 *Cephalotaxus drupacea* Lieb. & Zucc.

(label for this group says
 near nursery, but error in
 copying)

Clayton N.C. State Nursery, 1 mi. W.
 Clayton

Patch of woods along small brook,
 with thick undergrowth of weeds
 and *Rubus* sp.

stems weakly ascending
 to prostrate.
 rays lemon yellow, disk greenish
 erect herb 1-2 m. tall

fls. yellow

fls. yellow

part flowering

leaves variegated, variable
 in shape but all in vicinity ^{mainly} ~~leaves~~
 small tree, 4 m. tall,
 fruit red.

aromatic when bruised

det.
 F.H.

spreading shrub 2 m. tall
 spreading shrub, fruits in
 clusters, falling easily, slightly
 obovoid, brownish red, mottled-
 striped, very juicy.

17703 *Aster pilosus* Willd. ^{det. S.P.H.}
in ~~the~~ weedy place, edge of woods

04 ~~*Conoclinium*~~ *Ligustrum vulgare* L. ^{det. S.P.H.}
edge of woods

05 *Eupatorium capillifolium* (L.) A. N. S. ^{det. S.P.H.}
edge of woods, common

06 *Eupatorium rotundifolium* L. ^{det. S.P.H.}
drying swaly place

07 *Pycnanthemum hypophyllum* Reath. ^{det. S.P.H.}
drying, swaly place

08 *Pyrus arbutifolia*
drying swaly place

09 *Eupatorium perfoliatum* L.
drying, swaly place

10 *Cynilla racemiflora* L. ^{det. M.C.V.}
near stream

11 *Viburnum nudum* L.
near stream

12 *Lolidago (Luthamia) tenuifolia* Pursh? ^{det. S.P.H.}
shade near stream

13 *Rhexia mariana* L. ^{det. M.C.V.}
bank of stream

14 *Chamaecyparis thyoides* (L.) B.S.P. ^{det. S.P.H.}
15 *Lalis nigra* Marsh. ^{det. S.P.H.}
near stream

16 *Mikania scandens* (L.) Willd.
near stream

edges of cultivated land, around nursery.

17 *Croton glandulosus* L. ^{det. M.C.V.}

suffrutescent herb, 2 m. tall,
much branched, showy,
rays white, disk yellow,
turning reddish.

shrub 1.5 m. tall, branches ^{stiff}
with, distichous branchlets
fruit green

plants mostly about 2 m. tall
fls. whitish, turning dark red.
fl. whitish

plant grayish green, aromatic
shrub 1.5 m. tall, fruit red

fls. grayish white.

shrub 1 m. tall

shrubs 1-3 m. tall
fruit deep blue.
fls. yellow

small tree 3-4 m. tall, only 1 seen

shoots 4 m. tall around old stump,
vine, extensively climbing over
bushes, fls. purplish white, fragrant.

plant green, branching from base

17713 *Commelina communis* L.det.
F.H.19 *Solidago nemoralis* Ait.det.
F.H.

dry sandy place under scattered pines

1 mi. - Washington

Oct. 11, 1940

densely wooded swamp, mostly
Nyssa aquatica, some ash and cypress.20 *Cochlidium cylindrica*clump of several stems on mossy
hummock21 ~~Ulmus~~ *Carpinus caroliniana*, Walt.det.
F.H.22 *Ilex virginica* L.det.
F.H.23 *Lycopus virginicus* L.

base of old stump

24 *Pilea*

on wet of mossy fallen log

25 *Lycopus virginicus* L.det.
O.M.F.

on wet mossy fallen log

wet clearing in swamp,
filled with logs and rotting
bark and standing water26 *Lycopus rubellus* Moench.det.
O.M.F.27 *Hypericum petiolatum* Walt.det.
M.H.28 *Acalypha rhomboidea* Raf.det.
M.H.

peaty hummock

29 *Eleocharis obtusa* (Willd.) Schultes

F.H.

in water

30 *Cyperus odoratus* L.det.
F.H.prostrate, elongate, fls. with
two large petals bright light
blue, third whitish, and smaller
anthers yellow with a red dot
on the connective.
fls. yellow, plants solitary.

erect

shrub 3 m. tall

shrub 1.5 m. tall

erect, stem somewhat fistulose,
fls. white

stems fleshy, translucent

stems wiry

fls. white

erect

plant reddish, bracts with
about 8 teeth

- 17731 *Jussiaea decurrens* (Walt.) DC.
in standing water det. MeV.
- 32 *Hydrolea quadrupalvis* Walt.
in standing water det. MeV.
- 33 *Ophemeia cylindrica* det. MeV.
- 34 *Polygonum setaceum* Baldr. det. MeV.
- 35 *Clematis* (Worm) *crispa* L.
edge of marsh det. MeV.
- 36 *Polygonum punctatum* Ell.
in standing water det. MeV.
- 37 *Bidens discoides* (L.) Mill. det. MeV.
- 38 *Bidens laevis* (L.) B. P. det. MeV.
- 39 *Solidago* (L.) *tennifolia* Pursh det. MeV.
- 40 *Athyrium asplenifolium* (Michx.) Desv. det. MeV.
- rail road embankment just above swamp

W. M. in England Hydro. Co. det. MeV.

swamp with scattered pines, shrubs, and a dense growth of reeds.

- 41 *Solidago fistulosa* Mill. det. MeV.
- open place
- 42 *Rhus copallina*
between road and lot
- 43 *Panicum verrucosum* Muhl. det. F. H.
- wet sand, edge of road
- 44 *Andropogon virginicus* L. var. *tristachyus*
- 45 *Andropogon glomeratus*

erect, almost leafless

erect
main stems reclining,
much branched, smaller
branches ascending, fls. whitish,
fls. blue-purple

plant ascending, fls. white

rays none, disk yellowish brown

rays bright yellow, disk reddish

heads yellow

rhizome prostrate

heads yellow

shrubs 3-5 m tall.
fruit dark red

(Ell.) Hack? det. F. H. solitary or almost so
solitary or almost so

- 17746 *Baccharis halimifolia*
 47 *Gordonia ~~lanceolata~~ lasiantha*
 48 *Pteridium aquilinum* (L.) Kuhn.
 following leaf
 117 *Lyonia ligustrina* (L.) DC. det. M. V.

10 mi. S. of Manteo, Dare Co.

dense cane brake in thinned
 pine woods

- 50 *Agrostis perennans* (Walt.) Tuckerm. det. F. H.
 bank of ditch
 51 *Solidago sempervirens*
 bank of ditch
 52 *Baccharis halimifolia*
 bank of ditch
 53 *Ilex glabra*
 54 *Leucothoe axillaris* (Lam.) D. Don. det. M. V.
 55 *Persea pubescens* (Pursh) Lag. det. SFB.

Manteo Harbor, Dare Co.

- det. 11/1/40
 56 *Solidago sempervirens*
 57 ~~Leucothoe~~ *Fimbristylis spadiosa* (L.) Vahl. det. F. H.
 58 *Baccharis halimifolia*
 59 *Baccharis halimifolia*
 60 *Aster tenuifolius* L. det. SFB.

Manteo Roanoke Island, Dare Co.
 cultivated Oct. 12, 1940

- 61 *Cunninghamia lanceolata* (Lam.) Hook. det. F. H.

shrub 1 m. tall, staminate
 shrub 3 m. tall, erect

shrub 1 m. tall, fruit green

erect, heads yellow
 leaves somewhat fleshy
 shrub 1.5 m. tall, pinnate

berries black, shrub 1 m. tall
 shrub 1 m. tall, slender, sparsely branched
 shrub 2 m. tall, fruit green

heads yellow, leaves somewhat fleshy

shrub 0.5 m. tall, pinnate
 shrub 0.5 m. tall, staminate
 reclining or if erect, supported
 by other plants, fls purplish white

tree 3 m. tall

Camp Wright n. end Roanoke Island, Dare Co.
sandy flat Oct. 12, 1940

- 17762 *Chrysopsis graminifolia* det.
63 *Andropogon ternarius* Michx. 72 H.
64 *Juncus dichotomus* Ell. det.
65 *Diodia teres* 72 H.
66 *Hypericum gentianoides*
sandy ditch
69 *Acalypha gracilescens* Gray det.
sandy ditch Mev.

Oregon Inlet, Bodie Island, n. end
of Pamlico Sound, Dare Co. Oct. 12, 1940

- 68 *Spartina patens* (L.) Muhl. det.
sandy edge of salt marsh 72 H.
69 *Borrichia frutescens* (L.) DC.
70 *Distichlis spicata* (L.) Greene det.
71 *Aster tenuifolius* L. 72 H.
72 *Spartina alterniflora* Loos. det.
73 *Aster tenuifolius* L. 72 H.
in salt marsh
74 ~~*Spartina*~~ *Fimbristylis spadiacea* (L.) Vahl (mod. f. *Spartina* (Mey.) Vahl) det.
in salt marsh 72 H.
75 *Cyperus odoratus* L. (C. *peruensis* Rich.) det.
in salt marsh 72 H.

Pea Island, 5 1/2 mi. s. of Oregon Inlet,
Pamlico Id., Dare Co. Oct. 12, 1940
sand flat, salt marshy in spots.

- 76 *Solidago sempervirens*
grassy place

fls. yellow
single plants
single plants, already dry
erect, ovary red.
plant reddish, bracts with
10-12 teeth

separate plants, rooted deep
in sand
leaves thick, gray, fls. yellow,
plant very deep rooted
— ascending, deep rooted
plant erect, fls. purplish
white, leaves fleshy
plants solitary, deep rooted
plant weak, held up by other
plants, fls. purplish white
solitary or several culms in
a tuft
solitary or small tufts.

almost erect, lvs. somewhat
fleshy, fls. yellow.

- 17777 ~~Rhacoma~~ *Lithostyle helvola* (L.) Britt.
grassy place, general

- 78 *Labbatia campunculata* (L.) Torr.
grassy place, local - small colonies

- 79 *Andropogon* ~~sp.~~ *vigorous* *Andropogon* (L.) Torr.
grassy place, local - abundant

- 80 ~~Scirpus~~ *Timbristylis spadicosa* (L.)
wet spot, local

- 81 *Cyperus polystachyus* Rottb.
wet place

- 82 *Sphorbia polygonifolia*
low sand

- 83 *Oenothera humifusa* Nutt.
low sand

- 84 *Portulaca subulatus* Michx.
near edge of ditch, local

- 85 *Cyperus odoratus* L. (C. f. var. R.)
wet place, common

- 86 *Limnium nashii* Small.
wet place, local

- 87 *Pluchea camphorata* (L.) DC.
wet place, local

- 88 *Gerardia maritima* Raf.
wet place, local

- 89 *Iva frutescens* L.
scattered, local

- 90 *Lythrum lineare* L.
wet place, local

det. 79H.

prostrate, extensively
creeping, vines several
in. long, fls. lavender-pink,
~~heads~~ somewhat twisted, fruiting
inflorescences erect.

fls. pink with a yellow star
in center, outlined by darker
pink the points somewhat
tridentate with center point longer.
plants solitary, bracts pinkish.

det. 79H.

det. 79H.

small tufts.

very prostrate, somewhat fleshy,
stems reddish, sap milky,
stems prostrate, spreading,
ascending at tips, fls. yellow.
fls. purplish, plant erect

det. 79H.

plants solitary

corolla blue-violet, leaves
somewhat fleshy

herbage very aromatic, heads
purplish-pink
fls. magenta, leaves fleshy

shrubby, 0.5-0.8 m. tall, leaves
fleshy

17791 *Siridia teres* Walt.

loose sand, abundant

92 *Croton punctatus* Jacq.det.
MacV.

loose sand on embankment

half-way between North Rodanthle and

Rodanthle families found - Dare Co

sand flats

Oct. 12, 1940

93 *Grapholium obtusifolium* L.94 *Centella*95 *Mikania scandens*

edge of ditch

96 *Polygonum punctatum* Elldet.
MacV.

edge of ditch

97 *Lamium triplaris purpureum* (Walt.)

Chapm.

loose sand

det F. J. H.

98 *Juncus scirpoides* Lam.det.
F. J. H.

grassy place

99 *Muhlenbergia capillaris* (Lam.) Trin.det.
F. J. H.

common

banks, about 1/2 mi. S of South Rodanthle,

families found, Dare Co.

Oct. 12, 1940

thickets and tangles around

marshy depressions

17800 *Myrica cerifera* L.

det. S. J. H.

01 *Quercus*

some plants much larger

slightly prostrate, sweet, white, dry
creeping by underground
stems, forming patches, somewhat
deciduous.

vine climbing over other plants

fls greenish-white

very prostrate, several
stems spreading, up to
1 m. or more long, flowering
while still enclosed in bract.
already dry, erectlarge bunches, inflorescence
conspicuously purplefragrant shrub 3 m tall
fruits waxy, bluish gray
low rounded bush, filled
with sand, leaves gray
beneath, acorns green

17802 *Ilex vomitoria* Ait.
abundant

03 *Taxodium distichum* (L.) Rich.

04 *Cicuta maculata* L.

in marshy place

05 *Baccharis halimifolia*

sandy place, edge of thicket, common

06 *Solidago* (Euthamia) *tennifolia* Pursh

opening between bushes

07 *Ludwigia lanceolata* Ell.

marshy place, local.

08 *Rhus copallina*

09 *Rosa palustris* Marsh.

10 *Chenopodium ambrosioides* L.

11 *Kosteletzkya virginica* (L.) Presl

marshy place

12 *Analia spinosa* *Zanthoxylum* ^{clava-}_{herculis}

13 *Persea pubescens* (Pursh) Tang.

14 *Myrica cerifera* L.

det 57B.

sand flats

15 *Solidago* (Euthamia) *tennifolia* Pursh

abundant locally

16 *Baccharis halimifolia*

~~abundant~~ common

17 *Ascyrum hypericoides* L.

common

det
m.v.

det
57B.

det.
m.v.

clava-
herculis

det
57B.

det
78C.

rounded shrub 3 m tall, filled
with sand, branchlets
rigid and spinose, fruit
green.

tree 10 m. tall, upper part
mostly dead, fruit: on live
branches green

herb 2 m. tall, oily odor when
broken

shrub 1 m tall, leaves thick

erect round topped, fls. yellow

erect, supported by other

plants, 1 m tall

shrub 3 m tall, fruit red, panicle

branches drooping

shrub 1-2 m tall, fruit red

strongly aromatic

erect herb, 1-2 m. tall

shrub 1 m. tall, fruit already dry,

tree 4 m. tall, fruit green, a

few turning blue.

fragrant shrub 2.5 m. tall, fruit
blue-gray, waxy,

heads yellow

shrub 1 m. tall, heads brownish-
white.

✓ Old Cape Hatteras lighthouse,
Hatteras Island, Dare Co. Oct. 13, 1940
and near fresh-water pond. ~~on paper~~

17818 *Potamogeton illinoensis* Morong
submerged or uppermost leaves floating

19 *Hydrocotyle umbellata* L. ^{det. M. V.}
submerged or some leaves above water

20 *Bacopa monnieri*
prostrate on moist sand

21 *Lippia nodiflora* (L.) Michx. ^{det. S. P. H.}
moist sandy flat

22 *Bidens laevis* (L.) BSP. ^{det. S. P. H.}
moist sand

~~23 *Lagittaria*~~

23 *Lagittaria latifolia* Willd. ^{det. T. J. H.}
edge of pond

Buxton Landing, Hatteras Island
Pamlico Id., Dare Co. Oct. 17, 1940
in ^{sandy} salt marsh

24 *Aster subulatus* Michx. ^{det. S. P. H.}

25 *Phytolacca americana* L.

26 *Atriplex patula*

27 *Cyperus odoratus* L. ^{det. T. J. H.}

28 *Chenopodium ambrosioides*

29 *Aster tenuifolius* L. ^{det. S. P. H.}

petioles fleshy

fls. white plant slightly fleshy

plant prostrate, leaves fleshy,
fls. whitish

plant ascending, rays yellow,
disk yellowish but anthers black.
heads subglobose

fls. purplish white

plant erect, fleshy.
herb 1 m. tall, fruit reddish
black, juicy

many plants 1 m. tall,
strongly aromatic, green.
erect, fleshy, fls. purplish-white

Woods around Buxton, Hatteras Island,
Pamlico Id. Dare Co. Oct. 13, 1940
Woods of ~~laburnum~~ ^{Quercus} ~~alba~~ ^{virginiana}, ~~etc.~~ ^{flex vomitoria}, etc.

17830 Smilax laurifolia L.

climbing in trees

det.
794

31 Taxodium distichum

marshy depression

32 ~~Lysimachia~~ Desodon verticillata
marshy depression (L) det.

33 Elephantopus nudatus
sandy soil

34 Galium hispidulum Michx.
sandy soil

35 Chrysopsis graminifolia
sandy soil

36orghastrum nutans (L.) Nash
sandy soil

37 Rhus copallina
sandy soil

38 Woodwardia areolata

in marshy, peaty depression

39 Callicarpa americana
sandy soil

Buxton Landing, Hatteras Island
Pamlico Id. Dare Co. Oct. 13, 1940
sand flat

40 Iresine celosia L.

Sand flats west of Old Cape Hatteras
Lighthouse, Hatteras Island, Pamlico
Id. Dare Co. Oct. 13, 1940

41 Uniola paniculata
sand dune.

liana, leaves thick, stiff,
fruit green.

Tree 15 m. tall, only one in vicinity

herb 1 m. tall.

leaves prostrate

roots yellow, fruit blue,
fleshy
erect, fls. yellow

solitary plants, culms
ascending, panicles drooping
shrub, 1 m. tall, fruit dark red.

shrub 1 m. tall, fruit bright
purple.

erect, stems reddish, fistulose

erect, culms branching at base
under the sand.

- 17942 *Dicromena colorata*
moist depression
- 43 *Ludwigia*
moist depression
- 44 *Erigeron querifolius* Lam. det. 5/11
sandy place
- 45 *Gerardia purpurea* L. ? det. Mel.
moist depression
- 46 *Hippia nodiflora* (L.) Michx. det. 5/11
sandy flats
- 47 *Lolidaigo sempervirens*
sandy depression
- 48 *Aster dumosus* L. (fam) det. 5/11
moist depression
- 49 *Diodia teres* Walt.
sandy flats, very abundant
- 50 *Juncus spiroides* Lam. det. 5/11
moist depressions
- 51 *Andropogon virginicus* L. det. 7/11
moist depressions
- 52 *Andropogon virginicus* var. *canadensis* (Michx.) Torr. det. 5/11
sand flats
- 53 *Muhlenbergia capillaris* (Lam.) Trin. det. 7/11
sand flats
- 54 *Cyperus polystachyos* Rottb. det. 7/11
moist depression, abundant
- 55 *Labellaria campanulata* (L.) Torr. det. Mel.
moist depression

Peters Bridge, 3.5 mi. w. Buxton,
Hatteras Island, Pamlico Id., Dare Co.
Mixed pine and live oak woods Oct. 14, 1940

- 56 *Diodia virginiana*
roadside, edge of swamp

- head and basal half of
bracts white
erect
- rays purplish white, disk
greenish yellow.
- corolla bright magenta,
falling very easily.
- very prostrate, rooting
at nodes, peduncles erect, fls white.
leaves somewhat fleshy,
heads yellow.
- rays purplish, disk yellow,
plant erect.

heads already dry

- a number of culms close
together, but not truly caespitose.
bracts pinkish brown

large bunches, panicle purple

fls. pink with a yellow
star in center outlined with
deeper pink, points tridentate, center
tooth longest, leaves fleshy

prostrate, fruit green & white
striped, corrugated longitudinally

- 17357 *Lagittaria falcata* Pursh. det. F. H.
in open marsh
- 58 *Hydrocotyle umbellata* L. det. McV.
edge of open marsh
- 59 *Juncus dichotomus* Ell. det. F. H.
roadside, edge of ~~swamp~~ marsh
- 60 *Koeleria virginica* (L.) Presl
wet opening in woods
- 61 *Centella repanda*
wet opening in woods
- 62 *Sabal*
sandy ~~place~~ place in woods
scattered here and there
- 63 *Andropogon virginicus* L. det. F. H.
small clump in open woods
- 64 *Rosa palustris* Marsh.
low woods
- 65 *Juncus dichotomus* Ell. det. F. H.
dry sandy opening
- 66 *Persea pubescens* (Pursh) Gray. det. S. B.
open low woods with much
undergrowth
- 67 *Salix alba* L. var. (?) det. S. B.
same
- 68 *Cupatorium verbenaceifolium* Michx. det. S. B.
moist grassy opening in woods
- 69 *Scirpus Carex longii* Michx. det. F. H.
moist grassy opening in woods
- 70 *Polygonum punctatum* Ell. det. McV.
moist grassy opening in woods
- 71 *Aster dumosus* L. (form) det. S. B.
moist roadside
- 72 *Cuscuta groenlandica* Willd. det. S. B.
parasitic on plants in edge of swamp

fls. white

inflorescence erect, stem prostrate

herb ~~1~~ 1 m tall.

spreading by underground
running stem

growing point at ground
level, inflorescence erect,
arching, fruit green, turning
black.

bushes 2 m. tall, forming
impenetrable tangles,
fruit red, abundant.
inflorescence already dried up.
tree 5 m. tall, fruit shiny
blue-gray-black.

shrub 3 m. tall, leaves
somewhat grayish and shiny beneath,
fls. grayish

ascending, fls. greenish white
rays lavender, disk yellowish

stems yellow-orange, fruit
greenish white, panicle branches thick
fleshy

17873 *Hypericum mutilum*

open sandy place in woods

74 *Scleria triglomerata* Michx. ^{det. F. J. H.}
sandy opening in woods75 *Andropogon virginicus* L. var. *tenuistachyus* (Willd.) Hook. & G. ^{det. F. J. H.}
sandy opening in woods76 *Elephantopus nudatus*
sandy opening in woods77 *Uniola laxa* (L.) Desf.

sandy opening in woods

78 *Acalypha gracilens* Gray ^{det. M. V.}
sandy opening in woods79 *Cyperus filiculmis* Vahl ^{det. F. J. H.}
sandy opening in woods80 *Galium hirspidulum*
sandy opening in woods~~81 *Scleria triglomerata*~~81 *Monarda punctata*
sandy opening in woodsHatteras Inlet Coast Guard Station,
N. end Ocracoke Island, Hyde Co.
sand dunes + salt marsh Oct. 14, 190082 *Croton punctatus* Jacq.
open sand83 *Polygonum glaucum* Nutt. ^{det. M. V.}
open sand flat84 *Bacopa monnina*
salt marsh85 *Salsola kali* L.
salt marshsmall loose clumps, culms
wide-spreading
small clump

leaves flat on ground

small tufts, culms
— ~~prostrate~~ spreading, arching
plant reddish, teeth on
— bracts about 9
small tufts, culms
— with bulbs at base.
fruit black, fleshy,
— root yellow.corolla delicate greenish
cream color, spotted with
purplish maroon, plant
aromatic when bruised,
basal part of bracts white
or rose purple.

plant 4 dm. tall.

prostrate, from a woody
root, flowers white
prostrate, fleshybushy plant, stiff,
rounded.

- 17336 *Salicornia europaea* L.
salt marsh
87 *Salicornia bigelovii* Torr.
salt marsh

7 mi. s.w. Hatteras Inlet, Ocracoke
Island, Pamlico Id. Hyde Co. Oct. 14, 1910
salty flat mostly grown thick
with rushes

- 88 *Commelina angustifolia* Michx. ^{det. F.H.}
~~ascending, supported by other~~

- 89 *Acalypha gracilens* Gray ^{det. M.C.V.}
open place

- 90 *Galactea regularis* (L.) P.S.P. ^{det. F.H.}

- 91 *Solidago* (Euthamia) ~~tennifolia~~ Pursh ^{det. S.F.D.}
open place

- 92 *Aster tennifolius* L. ^{det. S.F.D.}

- 93 *Lippia nodiflora* (L.) Michx. ^{det. S.F.D.}
in dense rushes

- 94 *Baccharis halimifolia*

- 95 *Andropogon virginicus* var. *tennifolia* (Michx.) ^{det. F.H.}
open place ^{prob. *A. dimidiatus* (Humb.) Torr. & Griseb.}

- 96 *Ambrosia artemisiifolia*
open place

- 97 *Limnolobos Fimbristylis spadiosa* (L.) Vahl ^{det. F.H.}
open field

- 98 *Muhlenbergia capillaris* (Lam.) Trin. ^{det. F.H.}
open field

7 mi. s. of Hatteras Inlet,
Ocracoke Island, Pamlico Id. Hyde Co.
open woodland, *Ilex* & *Juniperus*. Oct. 14, 1910
the latter mostly dead.

stems erect, fleshy,
crimson
stems erect, thick, fleshy,
slightly reddish.

ascending, supported by other
plants, bracts with 2 teeth

twining on other plants
fls. yellow

erect, rays lavender, disk
yellow, leaves fleshy
ascending, leaves fleshy

shrub 1 m. tall, leaves fleshy
erect, plants almost solitary

erect

small tufts

large clumps, inflorescence
purple.

17899 *Monarda punctata*17900 *Lonicera bona-nox* L.det.
79H.01 *Cyperus retrofractus* var. *cylindricus* (Ell.)
sandy spotFenn. & Grise.
det. 79H.02 *Galactea regularis* (L.) B.S.P.det.
79H.03 *Juniperus virginiana*04 *Iva frutescens* L.
abundantdet.
79B.05 *Ilex vomitoria*

dominant shrub or small tree

06 *Aster subulatus* Michx.det.
58B.07 *Eupatorium coelestinum*08 *Opuntia drummondii* Griseb.Woods n.e. of Ocracoke, Ocracoke Neck
of Pamlico Id., Hyde Co. Oct. 14, 192009 *Polygonum punctatum* Ell.
open sandy placedet.
McV.10 *Eupatorium capillifolium*
open sandy place11 *Polygonum procumbens*
open sandy place12 *Juniperus virginiana*13 *Ascyrum hypericoides* L.det.
McV.

open sandy place

plant aromatic when bruised, bracts
rose purple and white, corolla
delicate greenish cream color.
- dotted with purplish maroon.
liana climbing over trees,
young plant with spiny
leaves, fruit green, turning
dark reddish. young leaves
variegated with gray.

- Twining on weeds
- large old tree, ~~not~~ all
- but a few branches dead.
- shrub 1 m. tall, leaves fleshy,
- inflorescences dry
- spinose shrub, fruits
- turning red.
- flowers purplish white
- flowers bright lavender

stem reddish, ascending,
fls greenish white
erect

plant prostrate, rosette
green, inflorescence dry.
tree 5 m. tall, fruit immature
erect

- 17919 *Euphorbia angustata* Raf. det. M. V.
open sandy place
- 15 *Eupatorium cuneifolium* Willd. det. S. H.
open weedy marshy place
- 16 *Lechea villosa* Ell. det. M. V.
open sandy place
- 17 *Diodia teres*
open sandy place
- 18 *Gutierrezia hispidulum*
sandy ground, under trees
- 19 *Tillandsia usneoides*
hanging from branches of live oak
- 20 *Quercus virginiana*
- 21 *Ilex vomitoria*
- 22 *Quercus virginiana*
- 23 *Lolidago sempervirens*
open moist ~~field~~ clearing det. F. H.
- 24 *Chloris petraea* Sw. det. F. H.
under trees, sandy soil
- 25 *Cyperus polytachyus* Roth. det. F. H.
open moist ~~field~~ clearing
- 26 *Sporobolus poiretii* (R. & S.) Hitchc. det. F. H.
sandy soil, under trees
- 27 *Scirpus americanus*
open marshy spot, abundant
- 28 *Lolidago (Euthamia) tenuifolia* Pursh? det. S. H.
open moist clearing
- 29 *Myrica cerifera* L. det. S. H.
~~field~~ woods
- 30 *Lythrum lineare* L. det. S. H.
open weedy marsh
- 31 *Atriplex patula*
open weedy marsh

- erect, arching
- herb, 2 m. tall
- erect, rosette green, inflorescence dry
- fruit black fleshy, roots yellow
- pendant, gray, hanging in great masses.
- tree 4 m. tall, leaves green
- tree 5 m. tall, fruit green
- tree 6 m. tall, leaves green, fls. yellow
- small tufts, 4 m. tall, leaves light green, spikes black
- small tufts
- fls. yellow
- ~~tree~~ bush 2 m. tall, fruit gray, waxy
- leaves fleshy, plant 1 m. long, ascending.

- 17937 *Chenopodium ambrosioides* L.
sandy roadside
17938 *Bumelia lycioides* (L.) Jacq. det. 978
sandy roadside

Woods and fields on Ocaroche Island,
Hyde Co. det. 978

- 14 *Cissus arborea* (L.) Desfont. det. 978
small bushy sand dunes

- 15 *Borrichia fruticosa*
salt flat

- 36 *Cyperus globosus* Aubl. det. 978
sandy place

- 37 *H. line bipinnata* L. det. 978
edge of woods

- 38 *Ambrosia artemisiifolia*
edge of woods

- 39 *Monarda punctata*
edge of woods

- 40 *Euphorbia*
open sandy place

- 41 *Smilax lanceolata* L. det. 978
small bushy sand dunes

- 42 *Hydrocotyle bonariensis* Lam. det. 978
sandy flat

- 43 *Opuntia drummondii* Griseb.
sandy flat

plants 1 1/2 m. tall, very
aromatic
shrub 3 m. tall, sterile
called "hen hawk" locally

vine climbing over shrubs,
fruit black when ripe, these
undigested
erect, leaves gray, fleshy, fl. yellow.

~~erect~~

erect

aromatic when bruised,
bracts whitish to rose,
corolla delicate greenish
cream-color, dotted with
purplish maroon
very prostrate, sap milky

leaves climbing over bushes,
fruit dark reddish, shiny
rhizome buried, leaves
and panicles above ground,
larger plants from shaded places,
prostrate, very fragile
fruit turning purplish.

land dunes 11 mi. n. of Cape
Hatteras Light House, Hatteras
Island, Dare Co.

Oct. 14

- 17904 *Trichostema dichotoma* L. det.
OMF.
brushy n.e. slope of dune
- 45 *Cenchrus tribuloides* L.
open sand
- 46 *Euphorbia polygonifolia* L.
open sand
- 47 *Croton punctatus* Jacq. det.
McV.
open sand
- 48 *Scirpus americanus* Pers. det.
T.H.
wet low sand flat
- 49 *Salsola kali*
open sand
- 50 *Passiflora incarnata* L.
brushy dune
- 51 *Parthenocissus quinquefolia*
- 52 *Lepidium*
open sand, very abundant
- 53 *Polygonum*
brushy dune
- 54 *Chrysopsis graminifolia*
brushy dune

3 mi. n. of Cape Hatteras Lighthouse
Hatteras Island, Dare Co. Oct. 15, 1940
Fresh water ponds and swales
alternating with sand flats and
small dunes.

- 55 *Croton glandulosus* L. det.
McV.
sand dunes

plant aromatic, fls. pale
lavender

very prostrate

~~roots~~ rhizome deeply
buried
plant spreading,
much branched c.b. on across
vine, climbing over bushes,
fruit green, pulp sour
vine, climbing over bushes
(local tradition says long ago
introduced from Cape Cod)
turning on other plants

erect, fls. yellow

17956 ~~Scirpus~~ *Fimbristylus spodiocarpus* (L.) Vahl det. T.H.
sand flat

57 *Oenothera humifusa* Nutt.

sand flat

58 *Physalis viscosa* L. det. M.H.

sand flat

59 *Linum medium* (Blanch.) Britton det. T.H.

moist sand

60 *Baccharis salicifolia*

wet swale

61 *Cuscuta groenlandica* Willd. det. T.H.

wet swale, parasitic on other plants

62 *Ambrosia artemisiifolia*

sand flat

63 *Andropogon virginicus* L. det. T.H.

drying swale

64 *Ludwigia alata* Ell.

standing water, in open swale

65 *Eleocharis cellulosa* Torr. det. T.H.

standing water in open swale

66 *Cyperus strigosus* L. det. T.H.

drying swale

67 *Proserpinaca palustris* L. det. T.H.

wet swale, erect

68 ~~Cyperus~~ *Cyperus haspan* L. det. T.H.

edge of pond

69 *Cornus femina* Mill.

among bushes, sandy soil

70 *Aster dumosus* L. (form) det. T.H.

moist sand, place sheltered

by bushes

71 *Digitaria axonopus furcata* (Flügge) Hitchc. det. T.H.

moist soil near pond, rare

72 *Spiranthes cernua*

moist soil near pond

fls. pale yellow

roots very deep in sand

fl. yellow

shrub, 1 m. tall

stems yellow

[bent over, no fls. acc. T.H.]

solitary & almost so.

erect

small tufts, culms rather weak

shrub 1.5 m. tall, panicled, berries dull red blue

rays lavender, disk yellow

fls. white, waxy, almost odorless

17973. *Najas flexilis* (Willd.) Rostk & Schmidt ^{det.} 74
 submerged in pond water in small
 pond
- 74 *Sagittaria hypophylla* L. ^{det.} 576
 along creek
- 75 *Najas flexilis* (Willd.) Rostk & Schmidt ^{det.} 74
 in small pond. abundant. 3 in.
 deep. submerged in pond. at
 bottom. abundant. 3 in. or
 more
- 76 *Asplenium platyneuron* (L.) Oakes ^{det.} 778
 abundant in pond. water
 pond. at edge of pond
- 77 *Cicanturus giganteus* (Walt.) Mull. ^{det.} 778
 abundant in pond. water
 pond. at edge of pond
- 78 *Juncus marginatus* Rostk. ^{det.} 778
 abundant in pond. water
 pond. at edge of pond
- 79 *Ludwigia*
 in mud and water at
 edge of fresh water pond
- 80 *Triglochin striata* Rostk. ^{det.} 778
 in grass on pond ground
 at margin of pond
- 81 *Juncus marginatus* Rostk. ^{det.} 778
 in grass on pond ground
 at margin of pond
- 82 *Juncus purpureus* L. ^{det.} 778
 along creek
- 83 *Asplenium platyneuron* (L.) Oakes ^{det.} 778
 in water at edge of fresh
 water pond

fls. grayish

fl. white, with faint sweet
 fragrance. then in morning

small clumps, culms
 up to 2 m. tall

solitary

plant dark red, extensively
 creeping, very few fruit

spikes sweet, green

flowers brilliant red magenta
 - with red style
 plants up to 1 m. long,
 prostrate with ascending
 branches, fls. reddish

17984 *Galium triflorum* var. *triflorum*
wet ground, in the edge of pond
margin of fresh water pond

85 *Aster dumosus* (Lam.) ^{det. 79H.}
~~in wet ground~~ wet ground at margin
of pond, in thick grass

86 *Heliotropium falcate* Pursh ^{det. 79H.}
in water at edge of pond

87 *Rhynchospora microcarpa* Baldw. ex Gray
in wet soil at margin
of pond in thick grass

88 *Pluchea foetida* Willd. ^{det. 79H.}
in moist ground near pond

89 *Hesperaloe laevis* Muhl. ^{det. 79H.}
in moist ground near pond

90 *Fuirena squarrosa* Muhl. (F. hispida) ^{det. 79H.}
in moist ground at margin of
fresh water pond

91 *Panicum hallii* var. *vesticillata* Muhl. ^{det. 79H.}
in wet ground at margin of
fresh water pond, in thick grass

92 *Panicum agrostoides* Sprang ^{det. 79H.}
in wet ground at margin of
fresh water pond, in thick grass

93 *Rudwigia*
in wet ground at margin of
fresh water pond, abundant in thick grass

94 *Polygonum punctatum* L. ^{det. 79H.}
very abundant in moist
around edge of fresh water pond

supported by other plants

leaves lanceolate, dark yellow
green, rigid.

flowers with sepals red
petals white.

collect [from second known coll. from
N.C. (Rhod. 42 coll. 1942)
79H]

erect, with compressate
leaves when dry.
leaves rather stiff and brittle.

small clumps, culms
spreading.

plants solitary

branches ascending,
fls. white.

New Inlet, north end of
Hatteras Island, e. of Pamlico Id.,
Dare Co. Oct. 13, 1910

salty tidal sand flat

- 17995 *Salicornia bigelovii* Torr.
^{asporous with coriaceous}
open sand, pure stand.

- 96 *Salicornia perennis* Mill.
salt marsh, shallow water

- 97 *Salicornia europaea* L.
~~*bigelovii* Torr.~~
salt marsh, shallow water

- 98 *Borrichia fruticosa*
roadside sand in salt marsh

~~4 mi. n. of Oregon Inlet,~~
Pier Island, e. of Pamlico Id., Dare Co.
Oct. 15, 1910

- 99 *Iva*
sand flat

end of Oregon Inlet, n. end of Pier Island
e. of Pamlico Id., Dare Co. Oct. 15, 1910
small sand dune

- 13000 *Ammophila breviligulata* Forsk.
binding dune

- 13001 *Uniola paniculata*
binding dune

erect, fruiting parts dry,
sterile parts green and fleshy,
some plants entirely
sterile - leaves partly so,
others entirely fruiting
fruiting parts dry, sterile
parts reddish green fleshy,
terete

fruiting parts dry, sterile
parts bright red to fleshy,
leaves glaucous, fleshy, terete
yellow

herbaceous, erect, very base,
large clumps, leaves bright
green, fleshy.

deep rooted

deep rooted

6 mi. e. of Lenoir, Gates Co. Oct. 12, 1944
cleared area in swampy
woods, burned rather recently

17002 *Juncus coriaceus* Mach. det. 7/11.

03 *Polygonum punctatum* Mill. det. 7/11.

04 *Scirpus ~~atrophyllus~~ rubicundus* Tuck. det. 7/11.

05 *Spiranthes cernua*

06 *Polygonum persicaria* L. det. 7/11.

07 *Eleocharis tuberculosa* (L.) R. & S. det. 7/11.

08 *Aster novae-belgii* var. *clodes* (Tuck.) Gray det. 7/11.

09 *Clethra alnifolia*
edge of burned area

10 *Vitis*
edge of burned area

11 *Comilax rotundifolia* L. det. 7/11.
edge of burned area

12 *Persea pubescens* (Pursh) Donk. det. 7/11.
edge of burned area

13 *Eupatorium capillifolium*

14 *Woodwardia arcolata*
side of drainage ditch

15 *Bidens frondosa*
side of drainage ditch

16 *Panicum verrucosum* Muhl. det. 7/11.
side of drainage ditch

17 *Baccharis halimifolia*
banks of drainage ditch

dense clumps
scattered, stems ascending
fls. greenish white
small clumps, culms
erect, leaves on ~~culms~~ ^{culms} dead
fls. white, practically odorless, in
three ranks.

stems ascending, fls. greenish
white

dense clumps
erect, rays bright
lavender, disk yellow turning reddish,
shrub 2 m. tall, leaves
erect.

woody vine climbing on
small tree, fruit dark
red with pale spicules.
sweet and with good flavor.
thick skin, growing on trees.

green woody vine, leaves glossy
on both sides, fruit glaucous.
tree 7 m. tall, ~~leaves~~ ^{this species} leaves
aromatic when bruised, fruit green.
erect, fls. pinkish, involucre red.

disk yellow, rays more

decumbent to ascending

shrub 1.5 m. tall.

10 mi. s. of Suffolk, Stafford Co.
thin second growth woods bottom

13012 *Ulex glabra*

brushy clearing near road

17 *Leucothoe axillaris* (Lam.) D. Don

brushy clearing near road

18 *Andropogon virginicus* L. det. 7/9/4

brushy clearing near road

21 *Myrica cerifera* L. det. 5/7/4

22 *Oxydendrum arboreum*

23 *Eupatorium pubescens* Muhl. det. 5/7/4

brushy clearing near road

24 *Andropogon virginicus* var. *tetrastachyoides* Hook. f. det. 7/9/4

brushy clearing near road

25 *Urtica dioica* (L.) D. Don

26 *Gerardia purpurea* L. det. 5/7/4

ditch along road

27 *Hypericum fasciculatum*

ditch along road

28 *Solidago nemoralis* Ait. det. 5/7/4

roadside

29 *Rhexia mariana* L. det. 5/7/4

roadside ditch

30 *Pyrus arbutifolia* (L.) M. f.

brushy clearing near road

3 mi. s. of Winton, York of Wright Co.

thin second growth woods bottom

mostly grass

31 *Lebelia nuttallii* R. & G.

in old trail

shrubs 15 m. tall, berries black

shrub 10 m. tall

just small clump

shrub 2 m. tall, fruit gray, waxy,

very sparse.

scand. shrub 2 m. tall,

leaves already shed

fr. grayish

plant solitary

shrubs inclining

corolla bright rose-scarlet

in late June

fls. yellow

petals brilliant crimson

anthers yellow

fruit scarlet, shrub 2 m. tall

fr. small, lavender

1913

72 *Elephantopus nudatus*
bare spot in old trail

73 *Ascyrum hypericoides* L. det. M. V.

74 *Solidago (Euthamia) tomentosa* Pursh det. S. F. B.
bare spot in old trail

75 *Hypericum gentianoides*
bare spot in old trail

76 *Andropogon virginicus* L. det. F. J. K.

77 *Ascyrum stans* Michx det. M. V.
bare spot in old trail

78 *Platidium aquilinum*
fests roadside

79 *Rhus glabra*

most abundant plant in
undergrowth

80 ~~*Polygonum*~~

2 mi. s.e. of Zuni, Ind. of Wright Co.

Cypress Swamp

81 *Polygonum pennsylvanicum* (L.) Pers. flowers attracted by a foreigner det. M. V.

in mud, edge of road clearing

82 *Boehmeria cylindrica*

in mud, edge of road clearing

83 *Andropogon alternifolius*

in mud, edge of road clearing

84 *Hypericum patulatum* Walt. det. M. V.

in mud, edge of road clearing

85 *Rudbeckia discoides* (T. & G.) Britt. det. S. F. B.

mostly epiphytic on cypress knees

86 *Penthorum sedoides*

in mud, edge of road clearing

87 *Proserpinaca palustris* L. det. S. F. B.

abundant in mud, near clearing

88 *Aster lateriflorus* (L.) Britt. det. S. F. B.

road embankment

leaves flat on ground,
corolla purple

corolla yellow

corolla dark red & brown.

erect

shrub 1 m. tall, berries reddish black

main stem prostrate, branches
ascending, fls. whitish

erect

erect green

erect yellow

ascending

rays white, disk reddish purple

- 18043 *Aster pilosus* var. *demotus* Blake ^{det.} 5813.
road embankment
- 49 *Lelaginella apoda* (L.) Fern.
muddy soil, near margin of swamp
- 50 *Rosa palustris* Marsh. ^{det.} McV.
mud, at edge of clearing
- 51 *Diardia teres* Walt.
road embankment
- 52 *Polygonum pennsylvanicum*
muddy soil at bottom of road
embankment
- 53 *Alnus* ^{incana (Barb.) Sp.} ^{det.} 5813. ^{var.} *acuminata* Willd.
~~shrub~~ mud at edge of road clearing
- 54 *Commelina diffusa* Burm. f. ^{det.} 794.
road embankment
- 55 *Panicum agrostoides* Thunberg. ^{det.} 794.
mud at bottom of road embankment
- 56 *Hypericum mutilum*
mud at bottom of road embankment
- 57 *Solidago odorata* Ait.
muddy soil near edge of swamp
- 58 *Decumaria barbata*
muddy soil near edge of swamp
- 59 *Ascyrum hypericoides* L. ^{det.} McV.
muddy soil near edge of swamp
- 60 *Galium trifidum* L. *marginatum*
mud
- 61 *Pluchea ~~sp.~~ petiolaris* Cass. ^{det.} 794.
muddy soil near edge of swamp
- 62 *Salix nigra* Marsh. ^{det.} 794.
mud, edge of road clearing.

rays white, disk yellow.
towers reddish.
prostrate, pale green.

shrub 2 m. tall, fruit scarlet.

plant much branched, weak,
fls. pink

shrub 3 m. tall.

prostrate and much branched,
fls. with upper petals brilliant
blue, lower ones smaller, white,
anthers yellow with a dark
red spot in the connecting.

fls. yellow

plant low arching, herbage
aromatic when bruised.
vine, extensively climbing
over vegetation fruit dry,
erect

prostrate, tangled

erect, very aromatic

shrub 2 m. tall.

18063 *Acalypha gracilens* Graydet.
McV.mud at edge of ~~road~~ road clearing64 *Nyssa aquatica*

one of abundant trees in swamp

18063a *Acalypha shortlandii* Raf.
same data
det. McV.Sleepy Hollow, 1 mi. s. of Falls Church,
Fairfax Co. 100 m. tall Feb. 15, 1941Thick woods of *Pinus*
virginiana. pure stand
with little undergrowth, gentle
n. slope65 *Chimaphila umbellata* ^{var. *dissecta* (L.)}
with *C. maculata* ^{Blair}66 *Chimaphila maculata* (Pursh)
with *C. umbellata*

along Colvin Run

4 1/2 mi. s.e. of Draneville, Fairfax Co.

south slope in pasture 60 m. March 23, 1941

67 *Draba verna*

Virginia Highlands, Arlington Co. April 5, 1941

In old ~~brick~~ clay quarry on
steep bank68 *Acer rubrum* L.slender tree 6 m. tall (others
much taller). Leaves undamaged,
leaves about ready to fall.
Fruit brownish purple, ~~with~~
light speckled glaucous with
rough skin, pulp juicy and
exceedingly bitter and sour.abundant, large colony, spreading by
underground stems, leaves
shiny and ^{young} green.
common, scattered leaves
dull dark green with white
midrib area.

flowers white

trees with white bark, several
erect trunks, 10 m. tall fls. red.

Virginia Highlands, Arlington Co.

April 5, 1941

cultivated as street trees

18069 *Acer saccharinum* L.

70 *Acer saccharinum* L.

71 *Acer rubrum* L.

72 *Acer rubrum* L.

73 *Acer rubrum* L.

74 *Acer rubrum* L.

Sheepy Hollow, 1 mi. S. of Falls Church,

along Tripp's Run, Fairfax Co. Apr. 6, 1941

open field with scattered small trees

75 *Fraxinus*

Fairfax Co.

April 6, 1941

low wooded hill

76 *Cornus florida* L.

77 *Ilex opaca*

78 *Acer rubrum* L.

79 *Quercus rubra* L.

80 *Acer rubrum* L.

81 *Acer rubrum* L.

82 *Quercus alba* L.

83 *Quercus*

→ wooded bottom-land along stream

84 *Alnus*

abundant, forming low woods

85 *Salix*

rare, one plant seen

bark gray, checked, tree 15 m.

bark gray, checked, tree 15 m.

bark dark gray, rough, tree 8 m.

fl. red low bushy tree, bark dark gray

fl. reddish low bushy tree, bark dark gray

fl. red low bushy tree, bark dark gray

young tree 4 m. tall.

- small spreading tree 3 m. tall.

- tree 4 m. tall,

- tree 15 m. tall, fls. orange

- small tree 5 m. tall, bark dark, rough.

- small tree 5 m. tall, fls. orange red

- large tree, 20 m. tall, one m. thick

near base, fls. dark red.

slender tree 7 m. tall, bark

~~to~~ loosening in elongate plates

small tree, 6 m. tall, with

last years dead leaves

with
last years
dead leaves

clump 3-4 m. tall, catkins pendent

slender shrub 1 m. tall

13084 *Lindera benzoin* (L.) Bl.

Sleepy Hollow, along small branch
of Trapps Run, 1 mi. s. Falls Church
April 12, 1941

moist bottom land near stream

87 *Juniperus virginiana* L.
open field with scattered ~~scrub~~
scrub pines.

88 *Claytonia virginica* L.
under trees, ground overgrown
with a carpet of *Lonchocarpus japonica*.

89 *Symplocarpus foetidus* (L.) Nutt.
flat, wet, shaded place,
heavy clay-silt soil.

90 *Lindera benzoin* (L.) Bl.
flat shaded place

91 *Lycopodium complanatum* L. var. *flabelliforme* Fern.
gently sloping ground under
scrub pines.

92

open ~~area~~ marshy place

93 *Alnus serrulata* Willd.
abundant along stream

shrub 1.5 m. tall, very open,
fls. yellow, twigs aromatic
when broken.

small, strictly erect tree,
2 m. tall, shedding pollen.

can brownish, watery, leaves
fleshy, flowers closing in
late afternoon, white
flushed with pink.

rhizome deeply buried, leaves
unfolding, spathe drying up,
all parts foetid when broken.

slender shrub 1.5 m. tall, others
nearly up to 3 or 4 m., bark
strongly aromatic when bruised.

fls. lemon yellow, fragrant.
spreading colony several
m. across, rootstocks
in the litter on the surface of the
ground, ~~leaves~~ pale, or where
exposed, green, erect shoots
dark green.

shrubs up to 1 m. tall.

bark light brownish-gray,
clumps 3 m. tall, catkins
pendent.

Holmes Run, 0.5 mi. n.w. of Triadelphia
Mill, (4 mi. w. of Alexandria).

Fairfax Co. alt. 20 m. Apr. 13, 1941.

~~moist~~ open glade in moist
wooded bottom lands.

18094 *Erythronium*

Holmes Run, just below Alexandria
(Barcroft) Reservoir, 1 mi. s.e. of
Baileys Crossroads, (6 mi. w. n.w. of
Alexandria), Fairfax Co. 45-60 m.
Apr. 17, 1941

95 *Poa*

under scrub pines, s. slope

96 *Pinus*

s. slope, thinly wooded, mainly
with

97 *Carpinus caroliniana* Walt.

alluvial terrace along stream
in wooded ravine.

bulb buried deep, leaves
bronze-purple, mottled with
bluish green, flower
nodding, horizontal or
pointing downward, perianth
bright yellow inside
bronze marked outside,
inside speckled slightly
toward base with red,
recurved, anthers
yellow, the two sets the
same color. Inner segments
slightly auriculate-
inrolled at base.

60 m

small, loose tufts

60 m.

straight tree 30 m. tall. ϕ 7.5"
d.b.h. thru near base, bark
brown and flaky, only one seen.
spreading tree 7 m. tall. bark
dark lead-gray.

45 m

18093 *Erythronium*

on slope in wooded ravine
under bare trees. (very near
#18090)

99 *Erythronium*

foot of a slope in wooded ravine,
under bare trees. (very near #18093)

13100 *Salix*

on gravel bar in stream (with #13101)

13101 *Salix*

on gravel bar in stream (with #13100)

50m

bulb ~~is~~ deeply buried. leaves
bluish green mottled above
with bronze-purple; flowers
nodding, horizontal to pointing
downward. perianth segments
recurved, inner ones more
so, bright yellow, marked
externally with gray green,
internally brightly speckled
with red toward base.
stamens red, the shorter
set very dark, ~~the~~ longer
set brick red, exceptionally
as dark as shorter ones.

50m

bulb deeply buried. leaves
dark red-purple, spotted
with blue-green. flowers
nodding, horizontal or
more. bright lemon yellow,
~~both~~ segments recurved,
very slightly bronzed
outside, with a very few
red dots toward base
inside, both sets of
stamens bright yellow.
only a slight difference
in their length.

slender shrub ~~about 3 m. tall~~
3 m. tall

slender shrub or small tree,
4 m. tall, catkins silvery,
black speckled.

Deep Hollow, near Tripper Run,
near Falls Church, Va. Falls.
April 20, 1941

old field on knoll, with
scattered small scrub pines

18102 *Hedysotis coccinea* W. T. G.

03 *Potentilla*

04 *Antennaria*

with #18105

05 *Antennaria*

with #18109

bottom-land along stream,
open woods badly infested
with *Lonicera japonica*

06 *Cryptanthus*

~~April 22, 1941~~

April 18, 1941

07 *Viola*

under trees in open woods, bottom-land
near stream

fls. ~~yellow~~ lavender, with
yellow eye.

Petals chrome yellow, mostly
very slightly emarginate,
though not universally so.
anthers purplish, rest
of flower grayish white.
flowers ~~all~~ grayish white.

abundant in a colony several m. across.
bulbs deeply buried, leaves
green, spotted with gray-
green, some with bronzy
shading, flowers nodding.
leaves yellow, segments
recurved, but not strongly
so, slightly bronzed outside,
slightly red dotted toward
base within, anthers very
dark red, inner perianth
segments slightly auriculate
just above base, but not at all
clasping the stamens.

fls. deep purple.

- 18103 *Arisaema atrovirens*
moist ^{wooded} bottom-land near stream
- 09 *Arisaema atrovirens*
moist wooded bottom-land, near stream
- 10 *Ranunculus abortivus*
moist wooded bottom-land, near stream
- 11 *Stellaria media*
moist bottom-land, near stream
- 12 *Viola*
moist bottom-land, near stream
- M
- 13 *Amelanchier ^{arborescens} canadensis* May 1, 1941
moist swampy ^{wooded} bottom-land near stream
- 14 *Carex*
springy swamp-land, near stream
- 15 *Acer rubrum* L.
springy swamp-land, near stream
- 16 *Carex*
~~swampy~~ abundant in swampy wooded bottom-land near stream.
- 17 *Viburnum prunifolium*
moist wooded bottom-land, bank of stream
- 18 *Cornus florida* L.
moist wooded bottom-land, bank of stream

leaves not at all glaucous, spathe smooth, green. leaves not at all glaucous, stems and petioles purple, spathe green outside, ~~one~~ deep purple ~~marked~~ with green veins inside. petals yellow

petals
fls. white

petals
fls. lavender, the two lower marked with violet in basal part, all greenish near base.

small tree, 6 m. tall, bark smooth, ^{dark} lead-gray, fruit immature.

forming large, dense tussocks.

tree 15 m. tall, wings of fruit rose-color. ~~red~~ small tufts

tree 8 m. tall, fls. cream-white, somewhat fragrant.

small tree 4 m. tall, bracts white, showy, with reddish emarginate tips, fls. greenish-yellow, fragrant.

18119

Morus

moist wooded bottom-land,
along stream.

Virginia Highlands, Arlington Co.
May 1, 1940

Cultivated as a street tree

20 Acer saccharinum L.

21 Acer saccharinum L.

~~Sleepy Hollow~~ Fort Bruffalo.

1/2 mi. S. of Falls Church, Fairfax Co.
May 6, 1940

22 Vaccinium vacillans Torr.
n. s. v. p. ~~at~~ edge of oak woods

23 Rhododendron nudiflorum

24 Gaylussacia baccata

Sleepy Hollow, 1 mi. S. of Falls Church,
Fairfax Co. May 9, 1940.
Rich wooded bottom-land, along
stream.

25 Geranium maculatum L.
small colony, 100 ft. common here

26 Barbarea vulgaris.
fairly common, especially
in openings

shrub 2 m. tall, pistillate
heads green with translucent
white stigmas.

same tree as #18069. Tree 15 m. tall
bark gray, checked. fruits
turning yellowish.

same tree as #18070. Tree 15 m.
tall, bark gray, checked,
fruits turning yellowish.

shrubs 2-3 dm. tall, leaves
slightly glaucous beneath,
fls. greenish white. ~~cyrollate~~
shrubs 2-4 dm. tall, ~~lobes~~
reddish-pink outside, paler ~~inside~~
style red, unpleasantly ~~fragrant~~
shrubs 2-3 dm. tall, fls.
reddish to greenish yellow.

flowers magenta, plants
solitary from rootstock
fls. bright yellow.

1817 Blueberry *Andromeda*
sp.

28 *Prunus serotina* Ehrh.

29 *Podophyllum peltatum*
 scattered colonies

30

~~tree~~ muddy margin of
 stream of water, *Polka* spring

31

Carex

muddy margin of stream of
 water, muddy spring

32 *Carex*

same

33 *Carex*

same

34 *Carex*

same

35 *Ranunculus*

moist soil

36 *Carex*

moist ^{sandy} soil

37

moist somewhat sandy soil

38 *Polygonatum biflorum*

moist somewhat sandy soil

more like *Andromeda* into
 trees, much stem held close
 to the trunk by many
 woody, corky green, rather
 orange.

tree 5 m. tall, others nearly
 much taller, fls. white
 spreading by rhizomes
 which apparently branch
 at right angles, fls.
 white with yellowish
 flammulae and pistil,
 — peculiarly fragrant
 small clump, basal
 sheath glaucous

denser clumps, somewhat
 spreading.

denser clump, more or less
 erect.

clumps, somewhat spreading

very small tufts, not common

erect, petals minute
 yellow, turning whitish.

with loose spreading clumps

small tufts, erect

~~not~~ ~~erect~~ ~~erect~~, fls.
 greenish white with pinkish
 spreading tips to segments

- * Open pasture on the top
 18177 *Ranunculus bulbosus*
 very abundant all over pasture,
 especially at edge of woods
- 40 *Thymus*
 small colony in sandy
 place in pasture

- 41 *Eleocharis*
 abundant in muddy place

Mountain Furnace,

London Co. May 16, 1941

- 42 *Myrica sylvatica* Marsh.
 Ravine bottom, near spring

2 mi. W. of New Alexandria, Fairfax Co.
 May 17, 1941

- 43 Thin second growth woods,
 mainly oak, undergrowth
 of *Vaccinium* and other Ericaceae

- 43 *Quercus*

- 44 *Vaccinium*
 shaded

- 45 *Quercus prinus* L.

5-6 ft. bright yellow, glaucous
 inside

leaves 2-3 in. increased
 petiole yellowish, rhizome
 spongy brown thistle, buried
 in mud. anthers red
 pollen yellow, stigma yellow

tree 2 m. tall, lvs. paler
 beneath.

tree 15 m. tall, trunk
 bark blackish, checked,
 leaves with an oily appearance.
 bush just over 1 m. tall,
 leaves slightly glaucous
 beneath, venulose, veins
 impressed above; fruit immature,
 somewhat glaucous, esp.
 on calyx lobes.
 tree 2 m. tall, bark dark gray,
 furrowed.

13146 *Amelanchier canadensis* (L.) Millb.

47 *Rhododendron*

48 *Vaccinium clementinum* L.

49 *Hieracium venosum*

50 *Hedysalis caerulea* (L.) Torr.
scattered in small
tufts on ^{light} soil

51 *Carex*

Hills above
Mountville, Catostomus Mtn.,
Frederick Co. May 13, 1941
along old road in deciduous woods

52 *Vitis*

53 *Adiantum pedatum* L.

54 *Lindera benzoin* (L.) Bl.
edge of woods

55 *Symphoricarpos*
edge of woods

56 *Panicum*

57

58 *Carex*

59 *Ulmus fulva* Millb.
edge of woods

60 *Cerastium vulgatum* L.

61 *Asclepias quadrifolia* Jacq.
opening in woods

Tree 4 m. tall, bark smooth,
dark dead-gray, fruit immature
corollas fallen or dried
and hanging, style red.
bush 6 dm. tall, corollas
abnormal (damaged by insects?)
plant with strong odor.
Leaves ~~are~~ green with
red veins, fls. yellow
fls. lavender with
yellow throat, lighter
outside
slightly glaucous green
in color

woody vine, climbing
on small tree, inflorescence
sometimes on successive
internodes.

shrub 2 m. tall, aromatic
when broken, fruit immature.
bush ~~to~~ 1.5 m. tall

small tuft
spreading, very loose clumps
small tree 4 m. tall, bark
mucilaginous when chewed.

corolla white, corolla rose to white,
odor faint but unpleasant, like sweetly ~~broken~~

17167 *Hepseta hederacea* (L.) Trevis63 *Rubus*64 *Saxifraga virginiana* Pursh65 *Rubus*66 *Cornus florida* L.67 *Vaccinium*
rock outcrop68 *Fragaria virginiana* Duch.69 *Viola*70 *Anemone thalictroides* (L.) Spach71 *Potentilla canadensis* L.72 *Morus rubra* L.73 *Ranunculus*74 *Ranunculus*75 *Potentilla*76 *Dioscorea quaternata* in glauc.77 *Dioscorea quaternata* in glauc.

creeping, very strongly aromatic
when bruised, fls. lavender,
canes erect, slightly
arching ~~at tip~~ above, fls.
white.

canes erect, slightly arching
above, flowers white.
small tree 5 m. tall.

— bracts mostly fallen.
— bush with green stems,
3-4 m. tall, leaves somewhat
glaucous beneath, fruit
immature, slightly
— glaucous.

— larger fruit, not quite
mature, achenes in
pits in receptacle. leaves
erect

— fls. bright violet, whitish
in center

— ~~tuber~~ tubers pyriform,
fls. white. leaves glaucous
— beneath.

— prostrate, petals yellow,
— very slightly emarginate.

— tree 5 m. tall, leaves not rough
above when fresh, fruit immature.
— petals very small, greenish yellow.

— petals yellow, slightly emarginate
lower leaves whorled, glaucous
— beneath, fls. green

— lower leaves whorled, glaucous beneath,
fls. green

(8178) *Carex*79 *Carex*80 *Smilax latifolia* L.81 *Carex*82 *Celastrus scandens* L.83 *Celtis occidentalis* L.84 *Liquidambar styraciflua*

Cherry Chase, near Williams Lane

May 21, 1941

vacant lot, more or less overgrown
with brush and small trees85 *Rubus*86 *Rubus rigidus* Bailey det. L. H. Bailey

Virginia Highlands, Washington Co.

cultivated in garden

May 25, 1941

87 *Agrostemma githago* L. var.Sleepy Hollow, near T. J. P. Farm,
Fairfax Co.

May 25, 1941

moist rich wooded bottom land near
stream88 *Smilax racemosa* L. ^{var. cylindrica}
near woods

small tufts

racemes in leaf axils

erect, more climbing in bushes
small tree or shrub, fruit
immature, leaves, thin
spreading tufts, fls. lavendersmall plants, more or less
erect, old ones arching,
the tips elongate, trailing
and rooting, fls. white,
small plants, ~~more~~ low
arching, flowers whiteerect, to 1 m. tall, ~~flowers~~ petals
exceeding calyx, magenta
inside, lavender outside, with
three dark lines inside,
pollen dull purplish, styles
elongating after pollen
is shedsmall colony, all with small infl.
fls. whitish, green

13/97

open woods

91 Valis

open woods

91 Smilax herbacea

edge of woods

92 Carex

edge of woods

93

roadside, near stream

94 Carex

roadside, near stream

95 Galium aparine

abundant, tangled, on wet ground

96 Carex

on wet ground

97 Plantago

sandy ground

98 Carex

roadside, near stream

99 Specularia perfoliata (L.)

sandy ground. ~~common~~

small tufts

small leaves, white beneath,

flowers green

flowers green

flowers rose-pink

erect, small clump

small, compact tuft

stems erect, flowers white

loose spreading small

~~erect~~ clump

loose clump

erect, flowers deep violet

1. 200
 2. 200
 3. 200
 4. 200
 5. 200
 6. 200
 7. 200
 8. 200
 9. 200
 10. 200
 11. 200
 12. 200
 13. 200
 14. 200
 15. 200
 16. 200
 17. 200
 18. 200
 19. 200
 20. 200
 21. 200
 22. 200
 23. 200
 24. 200
 25. 200
 26. 200
 27. 200
 28. 200
 29. 200
 30. 200
 31. 200
 32. 200
 33. 200
 34. 200
 35. 200
 36. 200
 37. 200
 38. 200
 39. 200
 40. 200
 41. 200
 42. 200
 43. 200
 44. 200
 45. 200
 46. 200
 47. 200
 48. 200
 49. 200
 50. 200
 51. 200
 52. 200
 53. 200
 54. 200
 55. 200
 56. 200
 57. 200
 58. 200
 59. 200
 60. 200
 61. 200
 62. 200
 63. 200
 64. 200
 65. 200
 66. 200
 67. 200
 68. 200
 69. 200
 70. 200
 71. 200
 72. 200
 73. 200
 74. 200
 75. 200
 76. 200
 77. 200
 78. 200
 79. 200
 80. 200
 81. 200
 82. 200
 83. 200
 84. 200
 85. 200
 86. 200
 87. 200
 88. 200
 89. 200
 90. 200
 91. 200
 92. 200
 93. 200
 94. 200
 95. 200
 96. 200
 97. 200
 98. 200
 99. 200
 100. 200



